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62.09  
1905

GERMAIN SEED CO.



20<sup>th</sup> ANNUAL  
CATALOGUE  
OF  
**SEEDS &  
PLANTS**  
FOR 1905

**GERMAIN SEED CO.**  
326-328-330 S. MAIN ST.  
LOS ANGELES  
CAL.

## ***Four Winning Garden and Field Novelties you Want***

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### ***High Bush Egg Plant***

This new type of Egg Plant is bound to supersede the old variety as it bears its fruit clear off the ground. Fruits are large, of fine form and of excellent flavor. Its erect habit is sure to make it a favorite with the market gardeners. Price pkt. 10c., oz. 50c, pound \$5.00.

### ***Giant Argenteuil Asparagus***

This new variety is of French origin and is very popular in the Paris markets. Tried in the Eastern states, it is quite as popular there with marketmen. It is superior in every way to Palmetto being more than twice the size. The large stalks cook tender and are of excellent quality. Price per pkt. 10c, oz. 20c,  $\frac{1}{4}$  lb. 40c.

### ***The White Bermuda Onion***

This variety is one of the most popular sorts in the Eastern markets, owing to its extremely mild flavor, handsome form, and pale straw color. Ripens early, and is to be recommended for the home garden.

Per pkt 5c, oz 15c, lb. \$2.50.

### ***Turkestan Alfalfa for Arid Regions***

The exhaustive tests of the U. S. Government throughout the arid regions of the West and Southwest have proven beyond a doubt the merits of this grand forage plant. In a dry country where the summers are long and hot and where the rainfall is scant it is the only plant available after all soft herbs and grasses die.

The following is the result of the U. S. Government test at Paso Robles: "The total rainfall was about 5 inches, distance to water 200 ft., soil shallow and very poor on deep hardpan. The only two species of forage plants which endured these conditions and remained green through the summer without irrigation were Turkestan Alfalfa and Australian Salt Bush."

We offer imported seed per pound 25c. 100 lbs. price on application.

Order early as stocks are limited.

## ***Germain Seed Company***

***Nos. 326-330 S. Main St.***

***LOS ANGELES, CAL.***



## TO OUR PATRONS AND THE PUBLIC:

WE TAKE pleasure in presenting to you our Twentieth Annual Seed and Plant Catalogue for 1905, which contains a list of the most desirable varieties of garden, field, flower and tree seeds, well calculated to meet the climatic and soil conditions of Central and Southern California, the adjoining States and Territories, and Old Mexico.

Upwards of twenty year's experience in the seed and plant trade places us in a position to know the requirements of our patrons,—hence we can confidently recommend the varieties enumerated in this catalogue. Indeed, the reliability of Germain's seed has long since passed into a proverb. In this connection we wish to thank our friends and patrons for the liberal patronage bestowed upon this House in the past, and at the same time earnestly solicit a continuance of the same. To those who have never purchased our seeds, we say try them this year, and you will become a regular patron.

It is pleasant to be able to report that the general prosperity of the country for the past few years has been more or less in evidence by the increase of business we have experienced; so pronounced has this been that we have been compelled to enlarge our seed department, and also to strengthen every other department of the business.

In addition to our large and increasing seed trade, we have also been compelled to augment our nursery department, which is situated immediately to the rear of our salesroom. This makes it unusually convenient for customers to secure all their needs in the way of seeds and plants from one source, thereby avoiding the annoyance of buying seeds at one place and plants at another. Needless to add, we carry a complete line of fruit and nut trees, ornamental forest trees, shrubs, palms, roses, vines, bedding plants, ferns, etc. We invite an inspection of stock and invite correspondence.

In addition to the above features of this business must be mentioned our poultry supply department, which has developed along healthy lines during the past year. In order to accommodate an increased demand for poultry supplies, we have devoted large space to the display of this class of goods, which includes every essential that is required in the breeding of poultry. Space will not permit of an enumeration of all our specialties, suffice it to say that we are general agents for the Jubilee incubators and brooders, the Prussian poultry and stock foods, Chamberlain's and Coulson's chick and egg foods, besides a full line of alfalfa, bone and meat cutters, remedies, tonics, etc. We issue a separate catalogue covering this department, copies of which are to be had for the asking.

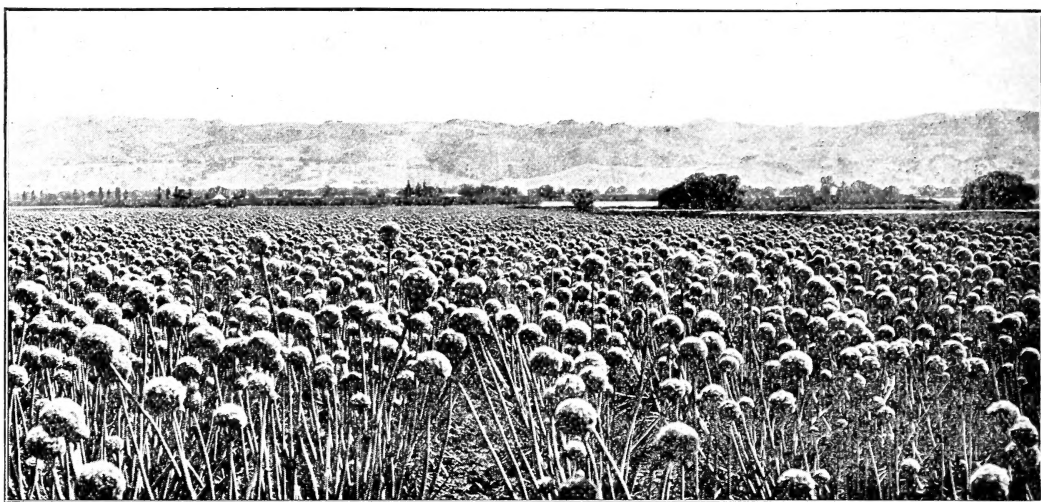
In conclusion we wish to extend our sincere thanks to patrons and friends for past favors with the hope that we will deserve not only a continuance of their valued orders, but a larger volume of business for the future.

Wishing all engaged in horticultural and agricultural pursuits a prosperous season,  
we remain,

Very truly yours,

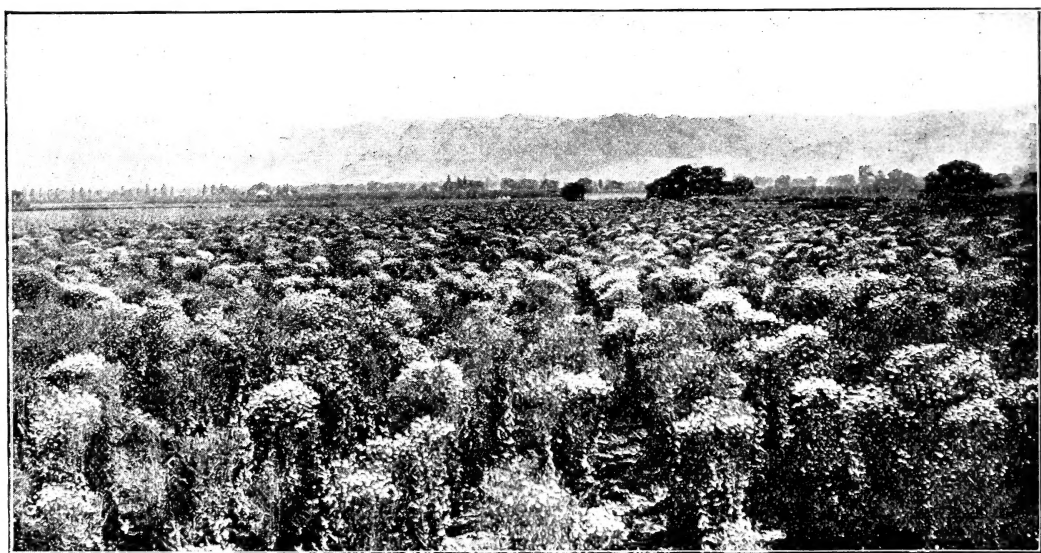
GERMAIN SEED COMPANY.

# CALIFORNIA-GROWN SEEDS == LEAD THE WORLD ==



ONION SEED GROWING FOR GERMAIN SEED COMPANY

We show herewith two views of seed farms, picturing to the life fields of lettuce and onion seed luxuriating under a Southern California sun. Attention is called to the vigorous and even growth, and the strong constitutional quality of the plants. California-grown onion and lettuce seed possesses a reputation for robust growth and strong germinating power possessed by no seed grown in a less favorable climate.



A FIELD OF LETTUCE SEED GROWING FOR GERMAIN SEED COMPANY

In other lines of seed production California stands foremost in beans, tomatoes, celery, spinach, carrot, leek, parsnip, mustard, flax, etc. Every year there is a great increase of production, and in certain lines eastern seed dealers now look to this State for their supplies. Being on the ground in person, it stands to reason that this House always commands only the best that California produces.

# Flower and Vegetable Garden

A Concise Calendar of Operations Throughout The Year.  
Especially Adapted for Southern California.

## JANUARY.

**Flower Garden.**—Continue to plant Lilies. All kinds of evergreen and deciduous shrubs can now be planted. The planting of Hyacinths, Tulips, Narcissi, etc., should be completed this month. Hardy annuals may be sown out of doors, and, where artificial heat is obtainable, half hardy annuals may be sown. A hot-bed of stable manure is easily prepared by piling it 4 or 5 feet in height, well watered and trampled down, over which place a large box or frame, with glass sash, taking care to air and sweeten the bed well before using.

**Vegetable Garden.**—For main crop sow Broccoli, Carrot, Chicory and Parsnip. At the end of the month, in warm, sheltered situations, Early Rose Potatoes may be planted. Plant Asparagus, Horseradish and Rhubarb roots. These all require deeply worked ground. Dress beds already planted with about 3 inches of well-rotted manure. Cucumbers, Egg Plant, Melons, Peppers, Squashes and Tomatoes may be sown under glass for after-planting. A safe plan is to sow about 5 seeds of each variety on reversed pieces of sod, about 4 inches square. On planting in the ground, insert the sod with the growing plants and firm the soil in the usual way. By this method the growing plants will suffer no injury. Stick and hill up Peas and other crops requiring it, and attend strictly to cleanliness.

## FEBRUARY.

**Flower Garden.**—General planting of evergreens and shrubs should be completed as soon as possible. Also finish planting Lilies, Anemones and Ranunculi. Commence planting Gladioli bulbs for succession. Sow hardy annuals out of doors, especially Sweet Peas, and half hardy annuals as recommended for last month. This is the best month in which to sow Acacia seeds. Soak for 24 hours before sowing, or where practicable, spread dry leaves or bushes over the beds after sowing and watering and set fire to them. This is the best manner of sowing all hard tree-seeds.

**Vegetable Garden.**—This and the next month will be the busiest of the year in this department, as nearly all crops may be sown in these two months. (See reference table for varieties to be sown.) Continue planting Asparagus and other roots as recommended for last month. Plant main crop of Potatoes. Attend to weeding and hilling up. Thin out Turnips, Carrots and other root crops requiring it.

## MARCH.

**Flower Garden.**—Continue planting Gladioli bulbs for succession. All hardy and half hardy annuals may be sown in the open ground this month. Alternanthera and other border plants can be planted with safety, as all danger from even slight frost is now over.

**Vegetable Garden.**—Nearly all vegetable seeds may be freely sown this month. (See reference table.) Plant out Cucumbers, Melons and other plants previously sown under glass. Hill up rows, keep down insects, slugs and vermin, and attend strictly to cleanliness.

## APRIL.

**Flower Garden.**—Plant Dahlias, Gladioli, Tuberose, Tigridias, Tuberous Begonias, and all summer-flowering bulbs. Continue sowing hardy and half-hardy annuals. Watch Rose bushes, and if troubled with green Aphis, use tobacco-dust freely.

**Vegetable Garden.**—(See reference table for varieties to be sown.) Plant out Egg, Pepper, Tomato and Sweet Potato plants, the latter in light, rich soil, well worked, in rows 6 feet apart, and 2 feet in the rows, and keep the soil well worked. Cultivate well and hill up as required.

### MAY.

**Flower Garden.**—As Hyacinths, Tulips, Narcissi, etc., die down, the bulbs should be dug up, and stored away in a cool, dry place till fall, when they may be replanted. The vacancies thus created should be filled with other flowering plants. Half-hardy and other annuals may still be sown, and summer-flowering bulbs be planted. The garden should now be brilliant with flowers, and all sowing, planting and general cleaning up should be completed this month, ready for the summer season.

**Vegetable Garden.**—Pinch out points of shoots of Cucumbers, Melons, Squash, etc., as soon as they commence flowering. Sow vegetable seeds for succession, (see reference table), and keep surface of soil well broken.

### JUNE.

**Flower Garden.**—Trim edgings of borders and hedges, and carefully attend to watering. Dahlias and Gladioli may still be planted. Sow Eucalyptus and Cypress seeds for winter planting.

**Vegetable Garden.**—(See reference table for varieties that may be sown for succession.) Hill up all growing crops and stick Pole Beans and Tall Peas as required.

### JULY.

**Flower Garden.**—Continue to dig up and store bulbs as they ripen. Trim edgings and hedge-rows and sow perennial flower seeds in shady situations. Continue sowing Eucalyptus and Cypress seeds.

**Vegetable Garden.**—Cultivate well between the rows. Sow vegetable seeds for succession, as per reference table. If manure is used during this hot month, it should be in liquid form.

### AUGUST.

**Flower Garden.**—This is the best month in the year in which to sow hardy perennials. Most varieties if sown this month will flower the next year. (See remarks on culture in body of list.) Also sow Calceolaria, Cineraria, Pansy and Primula seeds. (See special remarks on culture of tender annuals.) Continue sowing Eucalyptus and Cypress seeds.

**Vegetable Garden.**—Plant second crop of Potatoes. Sow Cabbage, Cauliflower and Spinach for main crops, and others mentioned in reference table for succession.

### SEPTEMBER.

**Flower Garden.**—Commence planting Hyacinths, Tulips, Anemones and other Dutch bulbs toward the end of the month. Prick off Calceolarias, Cinerarias and Primulas sown last month, into small pots, and continue sowing same for succession. Pansies can be grown better transplanted into a well-manured bed than in pots, as they are not so liable to be attacked by the red spider. Pansy seed may be sown for succession until the end of November. Also sow all the hardy annuals and perennials.

**Vegetable Garden.**—Many varieties of vegetable seeds may be sown this month. (See reference table.) Plant out Cabbage and Cauliflower plants sown in July.

### OCTOBER.

**Flower Garden.**—Hyacinths and other Dutch bulbs should be planted freely this month; also early Lilies. Cineraria and Primula seed may still be sown for late flowering. Continue sowing hardy annuals.

**Vegetable Garden.**—Sow largely Peas, Onions and Spinach for main crop; also other seeds for succession, (see reference table), especially Winter Radishes.

### NOVEMBER.

**Flower Garden.**—Continue planting Hyacinths and other Dutch bulbs, and Lilies of all kinds; also plant roses, evergreens, and deciduous shrubs of all kinds. Form new lawns and renovate old ones (for which we recommend our special lawn fertilizer, at the rate of 600 pounds per acre). Carry out landscape alterations, if required; dig and manure borders, and energetically proceed with all heavy work.

**Vegetable Garden.**—Sow seeds as recommended in reference table for this month, and hill up young crops. Keep the ground thoroughly clean, and dig or plow manure in all unoccupied ground for future use. Keep down slugs by free use of Hammond's Slug Shot, salt, lime, or any other dressing which is beneficial to the growing crops.

### DECEMBER.

**Flower Garden.**—Operations same as last month.

**Vegetable Garden.**—Operations same as last month.

# Germain Seed.. Company

326-30 SOUTH MAIN STREET

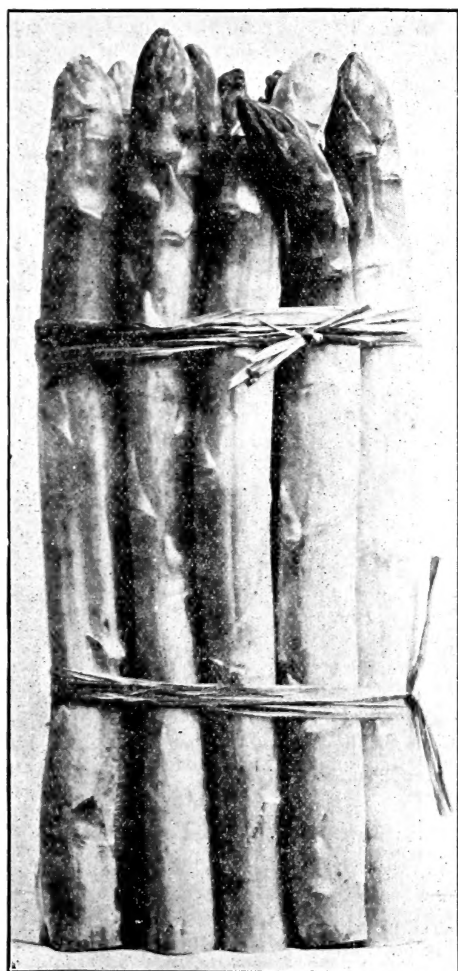
LOS ANGELES, CALIFORNIA, U. S. A.

## GENERAL LIST OF HIGH GRADE **SEEDS** 1905

REMEMBER, we pay postage on all seeds except mangels, peas, beans, corn and grass seed. If any of these are ordered add 10c per pound for postage

PREMIUMS ON SEED packets may be selected to the amount of \$1.25 for each dollar sent.

SPECIAL PRICES to market gardeners.



Palmetto.

## VEGETABLES.

### ARTICHOKE.

Alcachofa—Artichoke—Artichaut.

Sow the seed in beds and then transplant the young plants in hills 3 feet apart each way.

**Large Green Globe.** The favorite garden variety. Per pkt 5c, oz 30c, lb \$3.50.

### ASPARAGUS.

Esparago—Spargel—Asperge.

Sown in rows a foot apart. The soil for the permanent bed should be thoroughly manured and trenched to a depth of at least 2 feet. Plant the roots in rows 3 feet apart and 1 foot between the plants in the rows; spread the roots well out, and let the crown of the plant be covered about 6 or 8 inches when established. Previous to sowing the seed soak in tepid water for 24 hours.

**Barr's Mammoth.** Very large green variety. Per pkt 5c, oz 10c, lb 75c.

**Columbian Mammoth White.** Very large, tender and sweet. Per pkt 5c, oz 10c, lb 75c.

**Conover's Colossal.** A standard variety, excellent quality and productive. Per pkt 5c, oz 10, lb 40c.

**Snowhead.** A splendid variety of recent introduction. Large white stalks. Per pkt 5c, oz 25c, lb \$3.50.

**Palmetto.** The popular favorite with growers in California for shipping to eastern markets. Superior to all varieties in flavor and size, more even and regular in growth, is less liable to asparagus diseases, has yielded profitable crops where other kinds have failed; highly recommended by the U. S. Agricultural Department in their recent bulletins; the most desirable variety for the market gardener or the home. Per pkt 5, oz 10c, lb 75c.

### ASPARAGUS ROOTS.

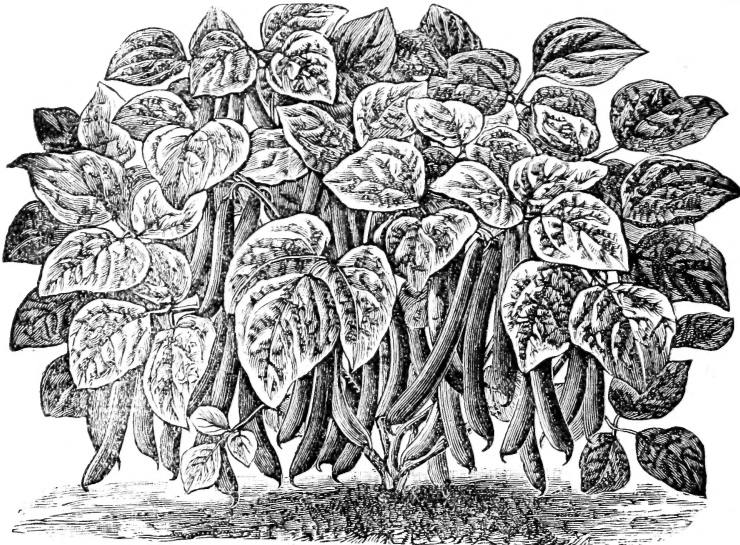
Any of above varieties \$1.00 per hundred, \$7.50 per thousand. If ordered by mail add 50c per hundred for postage. Write for prices on quantities.



**BEANS—DWARF AND BUSH.**

Frijoles—Bohne—Haricots Nains.

If ordered by mail, add 10c per pound for postage.



Improved Prolific Black Wax.

One pound will sow 100 feet of drill; forty pounds are required for an acre. They will thrive in any good soil. Plant the seed 2 inches deep and 3 inches apart, in rows 2 feet apart.

**Improved Golden Wax.**

One of the best strains of Golden Wax. Hardier, more prolific, holds its pods up well, of better quality, pods longer, straighter and thicker than the Original Golden Wax. Per lb 15c, 10 lbs \$1.00.

**Improved Prolific Black Wax.**

In every respect first-class; pods nearly round, a beautiful bright yellow color, very early and continues long in bearing; handsome and immensely productive.

Per lb 15c, 10 lbs \$1.00.

**Ventura Wonder Wax.** The pods are straight, often 9 inches long, oval, transparently white, entirely stringless and of the finest flavor, extremely hardy, very productive and one of the finest wax beans in cultivation. Per lb 15c, 10 lbs \$1.00.

**Davis Kidney Wax.** An entirely distinct sort, of fine flavor. Per lb. 15c, 10 lbs. \$1.00.

**DWARF OR SNAP, GREEN POD.**

**Stringless Green Pod.** An entirely stringless green podded bean. It is extremely early, having long, straight pods, which are very crisp and tender. Per lb 15c, 10 lbs \$1.00.

**Canadian Wonder.** Handsome flat pods of great length and very tender. Hardly any variety can approach it in rich flavor and appearance. Per lb 15c, 10 lbs \$1.00.

**Extra Early Refugee.** Very early, prolific, fine quality and a great favorite for canning. Per lb 15c, 10 lbs \$1.00.

**French Kidney or Turkey Red.** A good shipping variety; early and the best for winter crop. Per lb 15c, 10 lbs \$1.00.

**Long Yellow Six Weeks.** Very early and productive, one of the best market varieties; tender and of fine flavor. Per lb 15c, 10 lbs \$1.00.

**Burpee's Bush Lima.** Splendid dwarf lima; large and of excellent quality. Per lb 15c, 10 lbs \$1.00.

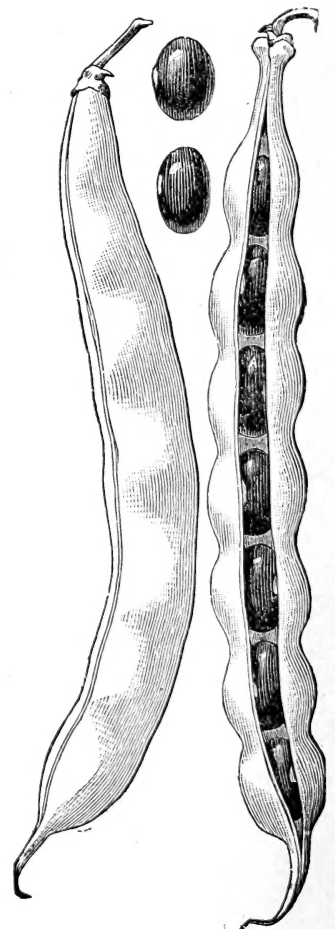
**Henderson's Bush Lima.** A dwarf variety of the Sieva or Southern Lima; produces enormous crops. Per lb 15c, 10 lbs \$1.00.

**English or Broad Windsor.** The celebrated broad bean of England, growing on a strong stalk about 2 feet high; beans eaten shelled. Per lb 10c, 100 lbs \$6.00.

**POLE OR RUNNING.**

Frijole de Bejuco—Stangenbohne—Haricots a Rames.

These varieties require a rich soil. Plant in well-manured hills, 3 feet apart each way, covering to a depth of 2 inches. In each hill set a pole 8 or 10 feet long, around which plant 5 or 6 beans, and afterward thin out, leaving 4 strong, healthy plants to each hill. They may also be grown without poles, allowing the vines to run, planting in hills 4 feet apart.



Pole Bean.

**Kentucky Wonder or Old Homestead.** A very vigorous grower and wonderfully productive. The pods, which hang in great clusters, are very long, tender, and of the finest flavor. One of the very best pole beans in cultivation. Per lb 15c, 10 lbs \$1.00.

**Creaseback.** Handsome green pods, 5 to 6 inches long, perfectly round with crease in back, hence the name. Early, exceedingly productive and of good quality. Per lb 15c, 10 lbs \$1.00.

**Kentucky Wonder Wax.** A novelty of recent introduction possessing all the qualities of its green-pod namesake, which needs no further explanation. Per lb 20c, 10 lbs \$1.50.

**Scarlet Runner.** Ornamental and useful. The vine is graceful; flowers are of a brilliant scarlet, and the beans are of an excellent quality, either when shelled or in a dry state. Per lb 25c.

**King of the Garden Lima.** A vigorous grower, bearing profusely, large pods, varying in length from 5 to 8 inches. The beans are large and of rich flavor. Per lb 15c, 10 lbs \$1.00.

**Large Lima.** A standard variety, unsurpassed in quality as a green or dried shell bean. Per lb. 10c, 10 lbs. 80c.

We carry the following varieties, 15c per lb, 10 lbs. \$1.00: Cut-short, Horticultural, Lazy Wife, etc.

## BEET.

Remolacha—Rothe Rueben—Betterave.

Sow as early in the spring as the ground can be worked. The soil should be light, sandy loam, well enriched with stable manure, and plowed and harrowed until very fine. Sow in drills 1 foot to 15 inches apart, and when well up, thin from 4 to 6 inches. The young beets pulled out of the row are excellent used as spinach.

**Extra-Early Egyptian.** Very early and of dark blood color; rather flat in shape. Per pkt 5c, oz 10c, lb 50c.

**Crosby Egyptian.** Extra early, round, dark red. Per pkt 5c, oz 10c, lb 60c.

**Extra-Early Eclipse.** Very early, round-rooted and dark red. Per pkt 5c, oz 10c, lb 50c.

**Crimson Globe.** An extra-early, round variety, deep rich crimson color and fine quality. Per pkt 5c, oz 10c, lb 60c.

**Dewing's Early.** Of fine form and flavor, and good for market. Per pkt 5c, oz 10c, lb 50c.

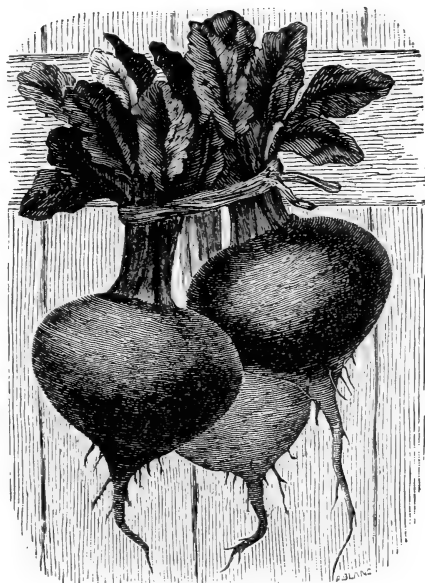
**Edmand Blood Turnip.** A market-gardeners' strain, of great regularity in shape, deep blood skin, and very dark flesh of best quality. Per pkt 5c, oz 10c, lb 50c.

**Early Blood Turnip.** Dark red and of fine flavor, productive. Per pkt 5c, oz 10c, lb 40c.

**Bassano.** Early, flat, light color, fine quality. Per pkt 5c, oz 10c, lb 50c.

**Germain's Long Blood.** A splendid variety of fine flavor, and of long, symmetrical shape. Per pkt 5c, oz 10c, lb 50c.

**Swiss Chard, or Silver.** This variety is cultivated for its leaf stalks, which are served up much like asparagus, and for its leaves, cooked like spinach. Cut often; new and more tender stalks will be produced. Per pkt 5c, oz 10c, lb 50c.



Blood Turnip Beet.

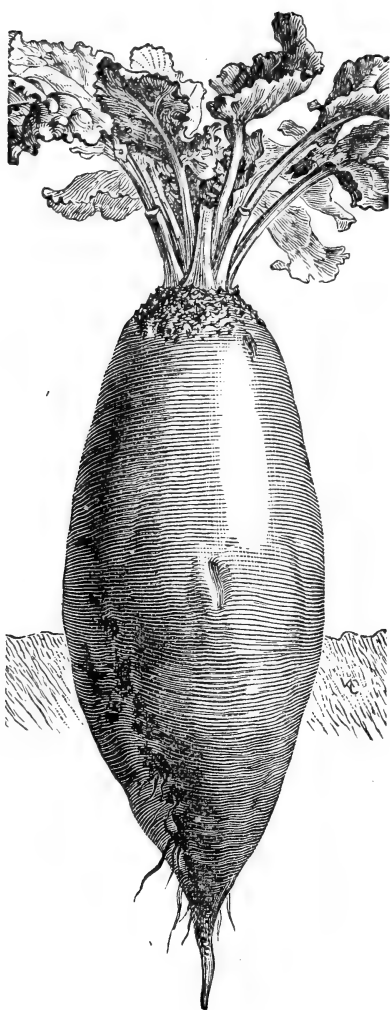
## STOCK BEETS.

If ordered by mail add 10c per pound for postage.

Cultivated extensively for stock. Select a deep, rich loam and manure well. Sow any time from the middle of November until April, in drills 2½ to 3 feet apart, and thin to 12 inches in the row. The long varieties prefer a light, sandy loam. The round varieties are the best for planting on stiff soil. Sow 6 pounds to the acre. If ordered by mail 10c per pound will be charged additional for postage.

**Improved Golden Tankard.** We have for years insisted that this was the best mangel grown, and we recommend it as the best mangel by far for dairy farmers. It combines apparently all the fine points possible to condense into a mangel. The color is a deep, rich yellow. The flesh is yellow and white in rings beautifully alternating with each other. On account of its shape enormous crops are grown, and it is easily lifted from the ground. Per lb 20c, 10 lbs \$1.50.

**Taber's Gate-Post Mangel.** Is thought by many to be the most profitable of all mangels, and is exceedingly popular. It resembles somewhat the Golden Tankard in appearance, but is not so large; skin is yellow and smooth, flesh white and very firm. Per lb 20c, 10 lbs \$1.50.



Improved Golden Tankard.

**CABBAGE.**

Repollo—Kopfkohl—Chou Pomme.

Commence to sow the seeds of the early varieties in August and each month following, until spring, for succession. Transplant as soon as large enough, to fresh, rich soil, in rows 2 feet apart and 18 inches in the rows. For late use sow the Drumhead sorts in spring and transplant to well-manured ground 3 feet each way. In planting cabbage or cauliflower care should be observed that the stem is set under ground as far as the first leaf. The ground should be well worked, to produce good heads, and hoed as many as three times during the season, drawing the earth slightly about the stems. One ounce will produce 2000 plants.

**Selected Early Jersey Wakefield.** A favorite sort. Heads very compact, solid and of conical shape, few outside leaves. Per pkt 5c, oz 15c, lb \$1.50.

**Early York.** The standard English sort. Per pkt 5c, oz 15c, lb \$1.50.

**Improved Mammoth Long Red.** Our stock is a great improvement on the old variety. The roots are, very large, uniformly straight and well formed; color deep red; roots solid; tops small; produce an immense bulk and tonnage. Per lb 20c, 10 lbs \$1.50.

**Champion Yellow Globe.** Its shape and yield make it one of the best varieties that can be grown, being easily harvested. Per lb 20c, 10 lbs \$1.50.

**SUGAR BEETS FOR STOCK FEEDING.**

If ordered by mail add 10c per lb for postage.

**Lane's Improved Imperial.** Is probably more largely grown than any other sugar beet for feeding to stock. It will yield as much as mangels and contains a large per cent of sugar. Per lb 20c, 10 lbs \$1.50.

**Klein Wanzlebener.** This is a large growing variety and is highly recommended in the sugar beet sections. Per lb 20c, 10 lbs \$1.50.

**Vilmorin's Improved White.** A much improved variety of the White Silesian, extensively cultivated as a sugar-producing beet; very valuable. Per lb 20c, 10 lbs \$1.50.

**White Silesian.** Grows to a large size; very valuable for stock feeding. Per lb 20c, 10 lbs \$1.50.

**BROCCOLI.**

Brocoli—Spargelkohl—Broccoli.

**Purple Cape.** Produces fine heads of a purplish-brown color. Per pkt 5c, oz 35c, lb. \$3.00.

**White Cape.** Heads medium size, compact, of a creamy-white color. Per pkt 5c, oz 35c, lb \$3.00.

**BRUSSELS SPROUTS.**

Berza de Bruselas—Rosenkohl—Chou de Bruxelles.

Culture for Brussels Sprouts same as for Cauliflower.

**Half Dwarf Paris Market.** A half-dwarf sort, bearing handsome crops of round, hard sprouts of the first quality. Per pkt 5c, oz 15c, lb \$1.50.



Large Late Drumhead.

**Write for Special Quotations on Large Quantities.**

**Early Winningstadt.** The old standby, well known and very popular. Market gardeners consider this the very best early cabbage in cultivation. It is certainly deserving of its great popularity; grown extensively for market and shipping. Its merits are many, among which are large heads for an early sort, small outside foliage and uniformity of crop, pyramidal in shape, very solid, fine texture and sweet. The seed we offer is first-class and sure to give satisfaction. Per pkt 5c, oz 15c, lb \$1.50.



Early Winningstadt.

**Early Flat Dutch.** A remarkably fine strain; a sure header, the heads weighing from 10 to 12 lbs; most valuable for general crop. Per pkt 5c, oz 15c, lb \$1.50.

**Improved Early Summer.** A superior second-early sort, produces large and solid heads of fine quality. Per pkt 5c, oz 15c, lb \$1.50.

**Selected All-Seasons.** One of the finest for second-early or late, growing to a large size quickly and surely—the true *sure-header*. Per pkt 5c, oz 15c, lb \$1.50.

**Henderson Succession.** An excellent second-early sort, on style of All-Seasons. Per pkt 5c, oz 15c, lb \$1.50.

**Fottler Brunswick.** Good solid heads, either for second-early or late. Per pkt 5c, oz 15c, lb \$1.50.

**Large Late Drumhead.** A standard winter cabbage for main crop. Per pkt 5c, oz 15c, lb \$1.50.

**Danish Ball Head.** The hardiest flat-headed variety in cultivation. Per pkt 5c, oz 15c, lb \$2.00.

**Selected Late Flat Dutch.** A low-growing variety, heads large, bluish green, round, solid, broad and flat on top, an excellent fall and winter variety and a good keeper. Per pkt 5c, oz 15c, lb \$1.75.

**Surehead.** (Main crop.) Large, round, flattened heads, one of the best varieties for main crop. Per pkt 5c, oz 15c, lb \$1.75.

**Red Drumhead.** Used for pickling; large, very solid, color deep red. Per pkt 5c, oz 15c, lb \$1.50.

**Stone Mason or Marblehead Mammoth Drumhead.** An excellent sure-heading solid variety. Per pkt 5c, oz 15c, lb \$1.50.

**Drumhead Savoy.** Fine quality. Per pkt 5c, oz 15c, lb \$1.50.

**Cabbage Plants.** We have a continuous supply of cabbage plants almost the year 'round. By planting them, parties with small gardens will save time and labor. We offer healthy stock of Early Jersey Wakefield, Early Winningstadt, Flat Dutch, etc., at 10c per doz, 40c per 100.



Henderson's Early Summer.

## CAULIFLOWER.

Coliflor—Blumenkohl—Choufleur.

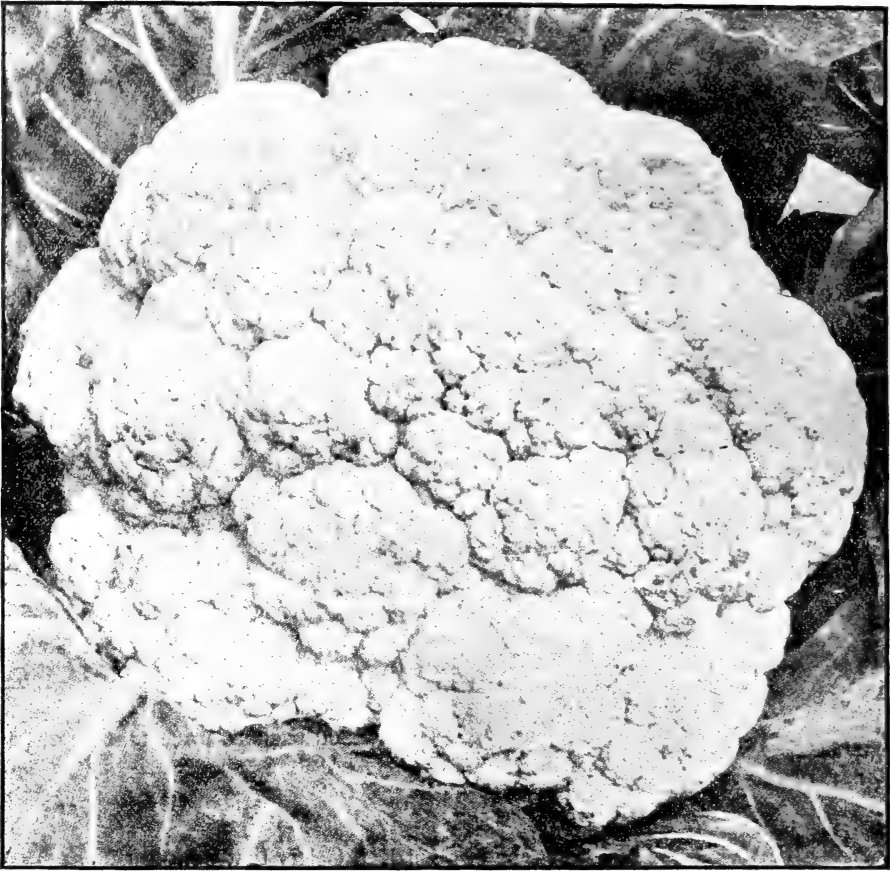
Requires care and a favorable season for successful cultivation. For early use sow from July to September and transplant in rows 2½ feet apart, and 2 feet between the plants. For late crop transplant and pursue the same course as with cabbage. The soil should be rich, moist and deep. One ounce of seed will produce 2,000 plants.

**Henderson's Early Snowball.** A variety held in great estimation by market gardeners for its earliness and reliability as a sure header, and pronounced superior to all others, being one of the earliest grown. Its close-growing, compact habit enables one-third more to be planted on the same space of ground than can be done with other varieties. Our stock is true and pure, no better obtainable. Per pkt 10c, large pkt 25c, oz \$2.00, lb \$25.00.

**Extra Early Dwarf Erfurt.** Dwarf habit, compact growth, short outside leaves; can be planted 20 inches apart. A sure header. Per pkt 10c, oz \$1.50, lb \$22.00.

**Half Early Paris or Nonpareil.** One of the best, and good for either early or late. Per pkt 5c, oz 60c, lb \$6.00.

✍ Write for Special Quotations on Large Quantities.



Veitch's Autumn Giant Late.

**Large Late Algiers.** A splendid late variety; popular with canners and market gardeners. Seldom fails to produce large, white heads. Per pkt 5c, oz 75c, lb \$12.00.

**Veitch's Autumn Giant Late.** The heads are beautifully white, large, compact, and being thoroughly protected by the foliage, remain longer fit for use. Per pkt 5c, oz 70c, lb \$8.00.

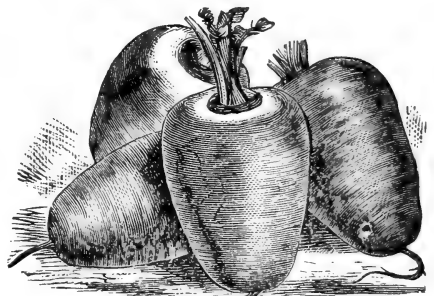
## CARROT.

Zanahoria—Mohre—Carotte.

The value of the carrot is not appreciated, as it should be as a food for stock. The larger varieties produce large crops and are relished by all kinds of stock. They are especially valuable when fed to dairy cows, producing an increased flow of rich milk, and imparting a beautiful golden yellow to the butter. We urge a more general use of the carrot among our customers, knowing its great value will be appreciated when better known. Like other root crops, flourishes best in a well enriched sandy soil, deeply tilled, and if plowed the fall before all the better. Sow in early spring in drills 15 to 18 inches apart, finally thinning plants to 3 or 4 inches. One ounce of seed will sow about 150 feet of row. Three lbs to the acre.

**Early French Forcing.** The earliest variety, largely grown for forcing purposes; globular shaped root of an orange red color. Per pkt 5c, oz 10c, lb 75c.

**Early Scarlet or Short Horn.** One of the most popular varieties grown; color deep orange; one of the best for table use. Per pkt 5c, oz 10c, lb 60c.



Oxheart Carrot.

 Write for Special Quotations on Large Quantities.



**Oxheart] or Guerande.** This fine and very popular carrot is intermediate as to length between the half long varieties (such as Danvers) and the Scarlet Horn carrots, but much thicker than the latter, being at the top from four to five inches in diameter. Flesh, bright orange, fine grained and sweet. It is very fine quality for table use, and equally good for stock. Oxheart can be easily pulled, making it a particularly desirable sort for planting in stiff clay soils. Per pkt 5c, oz 10c, lb 60c.

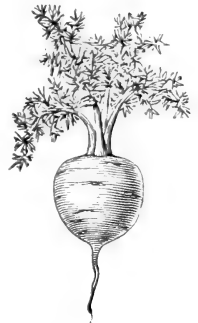


Scarlet Horn.

**Improved Danver's Half Long.** A first-class carrot for all soils; in form midway between the Long Orange and the Short Horn. The root is of a rich, dark orange color and grows very smooth and handsome; twenty to thirty tons per acre not being an unusual crop. Per pkt 5c, oz 10c, lb 60c.

**Improved Long Orange.** A well known standard sort, roots long, thickest near the crown, tapering regularly to a point; color, deep orange; suitable for the table and main field crop. Per pkt 5c, oz 10c, lb 50.

**Improved Large White Belgian.** Very productive; grown for stock feeding exclusively; grows  $\frac{1}{3}$  out of ground; roots white, green above ground. Per oz 10c, lb 40c.



French Forcing.

## CELERY.

Apio—Sellerie—Celeri.

Sow seed in frame or open ground. Transplant 4 inches apart, when 3 inches high, in rich soil, finely pulverized; water and protect until well rooted, then transplant into rows 5 or 6 feet apart, either on surface or in well manured trenches a foot in depth, half filled with well rotted manure. Set the plants from 8 to 12 inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the tops of the center shoots. One ounce of seed will produce 5,000 plants.



Golden Self-Blanching French Stock.

**Golden Self-Blanching, French Stock.** The seed we carry of this variety is the finest in the United States, has proven to be far superior to even the very best strains of California grown seed when grown side by side. It is free from pith, entirely free from green stalks, blanches perfectly, faultless in flavor, tender and entirely free from strings. We offer seed of this superb variety. Per pkt 10c, oz 40c, lb \$4.50.

**White Plume.** We offer a choice strain of this valuable and popular variety. It is unsurpassed for fall and early winter use, requiring very little earthing up to blanch it. Per pkt 5c, oz 25c, lb \$2.00.

**Write for Special Quotations on Large Quantities.**

**Golden Self-Blanching, American Stock.** An early, beautiful and desirable sort, requiring but little labor to blanch. The heart is a rich golden-yellow, with light yellowish-green outer leaves. Per pkt 5c, oz 30c, lb \$2.50.

**Golden Dwarf.** The best of the half-dwarf varieties; the heart is golden-yellow, turning to a light color when blanched. Very solid, rich flavor and good keeper. Per pkt 5c, oz 25c, lb \$1.50.

**Boston Market.** One of the best of the white varieties; early and hardy. Per pkt 5c, oz 15c, lb \$1.50.

**Giant Pascal.** Stalks very large, thick, solid, crisp, and of a rich nutty flavor; blanches easily and quickly. Per pkt 5c, oz 15c, lb \$1.50.

**Celeriac, or Turnip Rooted-Celery.** Forming turnip-shaped bulbs of celery flavor. Per pkt 5c, oz 20c, lb \$2.00.

**Soup Celery.** For flavoring. Per lb 30c.

Plants of the above are generally kept on hand during the season, especially during May, June and July. Per doz 10c, 100 75c, 1,000 \$5.00.

## CHERVIL.

Perifollo—Kerbel—Cerfueil.

**Curled.** Used for flavoring soups and stews, also for salads and garnishing. Per pkt 5c, oz 10c lb \$1.

## CHICORY.

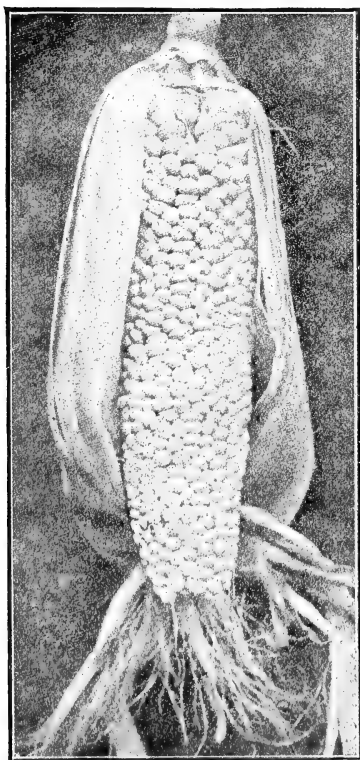
Achicoria—Cichorie—Chicoree.

Much used as a salad by the French. Sow in spring in good rich soil, in drills 18 inches apart; after-culture same as for carrots.

**Common or Wild.** Used in *Barbe de Capucin*, a salad much made in France. Sown in June, the roots are transplanted in autumn into sand in a cellar. The young shoots form the *Barbe de Capucin*. Per pkt 5c, oz 15c, lb \$1.00.

**Large-Rooted Magdeburg.** Roots are the chicory of commerce. Per pkt 5c, oz 10c, lb \$1.00.

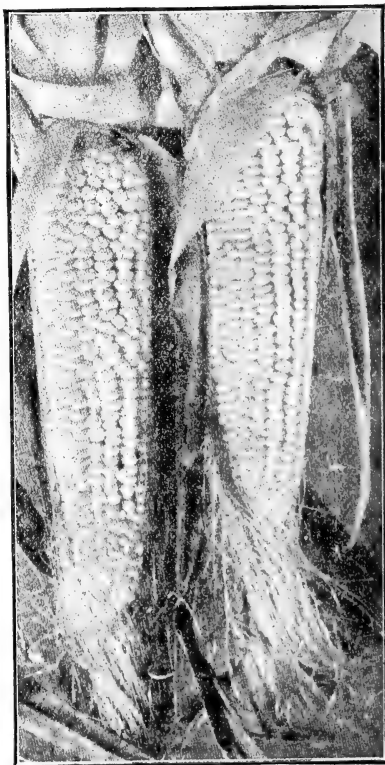
## CORN.— SWEET OR SUGAR.



Country Gentleman.

Maiz — Welsckorn  
—Mais.

Plant the smaller varieties in drills 3 feet apart and 10 inches apart in the rows; or in hills 3 feet apart each way and 3 or 4 grains in a hill. The taller varieties on rich soil should be given a space of 4½ feet between the drills and 1 foot between the stalks, use some rich manure in the drills, hoe often, keeping the earth well stirred drawing it in slightly about the roots. If ordered by mail add 10c per pound for postage.



Stowell's Evergreen.

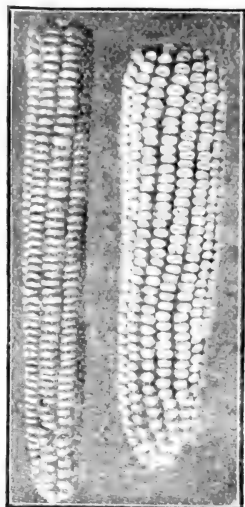
**Adams' Extra Early.** One of the earliest varieties; small cob and quite dwarf in growth; some ten days earlier than other varieties. Per lb 15c.

**Crosby's Early Sweet.** Second early, sweet and productive. Per lb 15c.

**Early Minnesota Sweet.** One of the earliest, with ears of suitable size for market purposes. Per lb 15c.

**Early Mammoth.** This variety produces the largest ears of any variety of early sweet corn. Per lb 15c.

**Black Mexican.** The sweetest, richest and tenderest of all sweet corn; it is very white when suitable for cooking, but the kernels are bluish black when ripe. Per lb 15c.



Field Corn.

**Extra Early Cory.** The earliest variety. Small, but of good quality. Per lb 15c.

**Potter's Excelsior, or Squantum.** A fine second early variety, having large twelve-rowed ears. Per lb 15c.

**Late Mammoth.** Produces larger ears than any other sweet corn; yet is rich and sweet. Productive and popular; a little later than Evergreen. Per lb 15c.

**Country Gentleman.** The best sweet corn for private use. Has a small white cob densely covered with irregular rows of deep, slender white grains of delicious flavor. Ears average 8 to 9 inches in length. The stalks grow about 6 feet high, and average three and four ears each. Per lb 15c.

**Stowell's Evergreen.** The standard sort for main crops everywhere. Ears large, deep-grained, exceptionally tender and sugary; remains tender and eatable longer than any other variety. A general favorite with canners and market gardeners for late use. Per lb 15c.

## FIELD CORN.

Eastern grown. Saved from selected ears, tips and butts removed.

Our corn has been grown for us by careful specialists, and will be found of the highest grade as to quality and germinating power. Sow eight quarts to the acre.

**Golden Beauty.** The ears are remarkable in size, and filled out completely to the extreme end of the cob. The cob is the smallest, in comparison with the size of the ear, of any variety in cultivation. Per lb 5c, 100 lbs \$3.00.

**Leaming.** One of the best medium early varieties in the market. The ears are large and handsome, with deep large grain; orange yellow color and small red cob; very productive; shells very easily. Per lb 5c, 100 lbs \$3.00.

**King of Earlys.** (85 days) The earliest dent variety. Per lb 5c, 100 lbs \$3.00

**Pride of the North.** (90 days.) One of the best sorts. Ears have from 14 to 16 rows, color light orange. Per lb 5c, 100 lbs \$3.00.

**Hickory King.** (110 days.) This corn is entirely distinct from all other varieties, having the largest grain with the smallest cob ever introduced in a white corn. Selected ears, shelled. Per lb 5c, 100 lbs \$3.00.

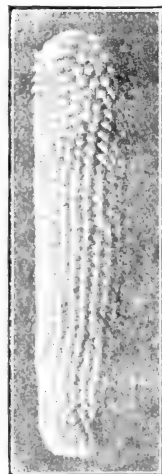
**Champion White Pearl.** (90 days.) This stock is short and thick. The ear grows low on the stalk, from 7 to 12 inches in length, almost parallel throughout, of medium size, averaging 16 rows of grain. Per lb 5c, 100 lbs \$3.00.

**WRITE FOR PRICES ON CALIFORNIA GROWN CORN**

## ENSILAGE CORN.

Sow  $1\frac{1}{4}$  to  $1\frac{1}{2}$  bushels per acre. Special prices to buyers of large quantities.

**Red-Cob Ensilage.** A pure white corn on a red cob. It is sweet, tender, juicy, has short joints and produces an abundance of foliage. Every dairy farmer should grow this sort; it will produce very large crops. Per 100 lbs \$3.00.



Pop Corn.

## POP CORN.

If ordered by mail add 10c per pound for postage.

**White Pearl.** A standard market variety. Per lb 10c, 100 lbs, price on application.

**White Rice.** A popular and productive variety. The kernels are fine, white and pointed, and the ears from 4 to 5 inches in length, and from 1 to  $1\frac{1}{4}$  in diameter. A favorite variety with retail grocers. Per lb 10c, 100 lbs, price on application.

**Write for Special Quotations on Large Quantities.**

**CORN SALAD.**

Macha ó Valerianilla—Lammer Salat—Mache.

**Large Seeded.** Round leaved, commonly called Lamb's Lettuce. Per pkt 5c, oz 10c, lb \$1.00.**CRESS, OR PEPPER GRASS.**

Berro ó Mastuerzo—Kresse—Cresson.

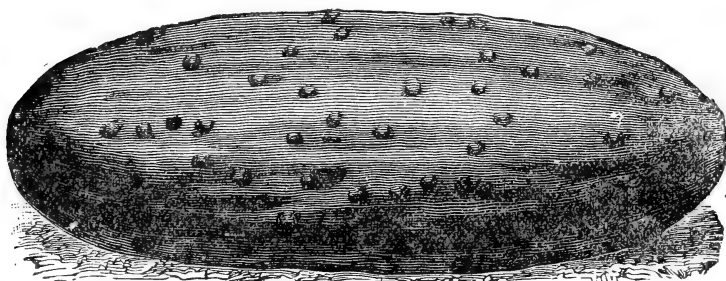
**Extra Curled.** Very fine; excellent for salads. One ounce will sow 10 feet of drill. Per pkt 5c, oz 10c, lb 50c.**WATER CRESS.**

Berro—Brunnenkresse—Cresson de fontaine.

The plant is cultivated by sowing the seeds by the side of running water or near springs.

**Water Cress.** The leaves are universally used and eaten as an early and wholesome salad in spring. Per pkt 5c, oz 35c, lb \$3.50.**CUCUMBER.**

Pepino—Gurke—Concombre.



Nichol's Medium Green.

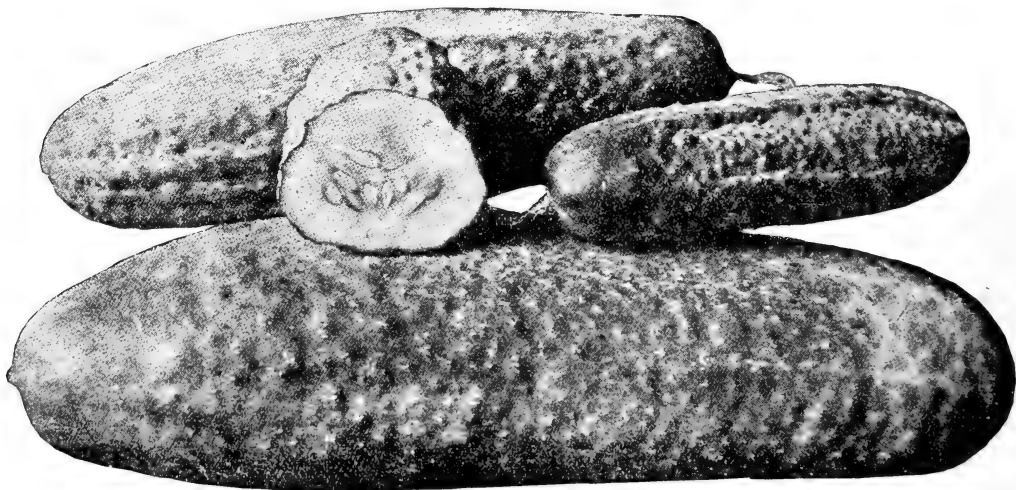
One ounce will plant fifty hills; two pounds will plant one acre. For early use, plant, if the weather has become settled and warm, in hills four feet apart each way; thin out to four of the strongest plants to each hill, after all danger from insects is over; they succeed best in a warm, moist, rich, loamy soil.

**Cumberland.** A distinct sort which is especially desirable for pickling. The vines are hardy, of strong vigorous

growth and fruit freely. The young cucumbers are of even size and small spines, and are equally attractive for making small gherkins, medium sized or large pickles. The large fruits average 9 to 10 inches in length, 2½ inches in diameter, with full rounded ends, and are of excellent quality for slicing. Per pkt 5c, oz 15c, lb \$1.00.

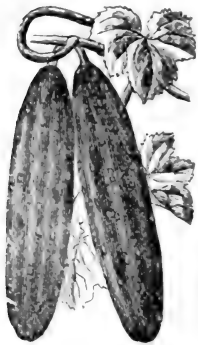
**Improved Early White Spine.** Straight fruit, light green with white spines. Per pkt 5c, oz 10c, lb 75c.

**Boston Pickling or Green Prolific.** One of the best pickling varieties; dark green; also excellent for slicing. Per pkt 5c, oz 10c, lb 75c.



Cumberland.

**Nichol's Medium Green.** One of the best general purpose cucumbers in cultivation. The young fruit being very symmetrical in shape, deep in color, and very crisp; and for slicing there is none better. It is exceedingly productive, of medium size and always straight and smooth; fine for pickling. Per pkt 5c, oz 10c, lb 75c.



Early Frame.

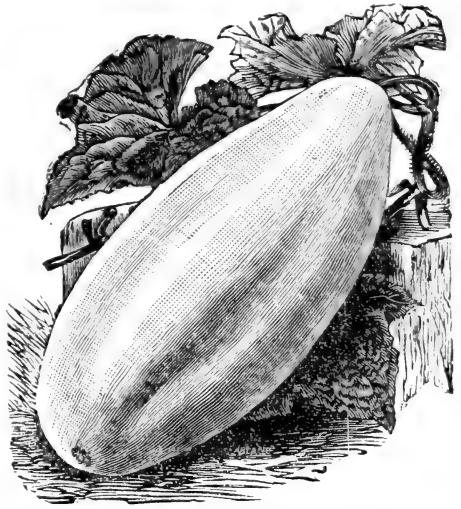
**Chicago Pickle.** Medium size, pointed both ends; color deep green; a prolific bearer. Per pkt 5c, oz 10c, lb 75c.

**Long Green.** Long and crisp; a popular and reliable variety for pickles. Per pkt 5c, oz 10c, lb 75c.

**Long Green Turkey.** Fruit very long and rather slim. Per pkt 5c, oz 10c, lb 75c.

**Giant Pera.** Very long, and one of the best for table use. Per pkt 5c, oz 10c, lb 75c.

**West India Gherkin.** Oval shaped; prickly; for pickling only. Per pkt 5c, oz 20c, lb \$2.



White Spine.

We carry the following standard varieties at same prices as Boston Pickling: Early Russian, Early Siberian, Early Frame, Japan Climbing, etc.

**English Forcing or Frame Varieties.** These produce remarkably long and very firm solid fruits, with few and small seeds. Not adapted for open ground culture. Our seed is from the best English strains.

**Carters' Model.** Is the handsomest cucumber grown, embodying the fine form and general characteristics of Tender and True, with the prolific habit and strong constitution of the Telegraph. Perfect in outline, with scarcely any neck, and of fine flavor, this variety has become popular, both for exhibition and table purposes. Per pkt 50c.

**Lockie's Perfection.** A remarkably productive variety, bearing fruits 15 inches in length, perfect models in shape, and of high quality. Per pkt 25c.

**Improved Telegraph.** Unquestionably one of the best winter cucumbers; indispensable for forcing. Per pkt 25c.



New York Improved Large Purple.

## 1DANDELION.

Amargon—Kuhblume—Pissenlit.

This vegetable has become very popular as an early healthful green, and the roots are used when dried as a substitute for coffee.

**Dandelion.** Common variety. Per pkt 5c, oz 30c.

**Improved.** Large leaved. Per pkt 10c, oz 60c.

## EGG PLANT.

Berengena—Eierpflanze—Aubergine.

Sow seed in a frame if possible. When 3 inches high transplant into small pots, so that the plants may become stocky, and be readily planted out from the pots. When the season becomes sufficiently warm, transplant into thoroughly worked and well enriched soil about 3 feet apart each way. Draw the earth up to the stems, when about a foot high. Egg plant seed will not vegetate freely without substantial heat, and if the plants get the least chilled in the earlier stages of their growth they seldom recover. Repeated sowings are sometimes necessary. One ounce of seed will produce 2,000 plants.

**Black Beauty.** A handsome, extra early, large variety of great merit; a prolific producer of uniformly large purple-black fruit of fine quality, developing with rapidity and ready for gathering about two weeks earlier than other large sorts. Per pkt 10c, oz 60c.

**Write for Special Quotations on Large Quantities.**



**New York Improved Large Purple.** The leading variety known by marketmen everywhere; fruit large, smooth, deep purple; flesh white, of good quality. The stock we offer is fine New Jersey grown. Per pkt 5c, oz 35c, lb \$3.50.

**Early Long Purple.** An earlier, hardier variety, with club-shaped, dark purple fruit 6 to 8 inches long, a shape preferred by some for slicing; flesh firm. Per pkt 5c, oz 35c, lb \$3.00.

## ENDIVE.

Escarola 6 Endibia—Endivien—Chicoree.

This vegetable is highly esteemed as a salad. When the plants are 3 or 4 inches high transplant 1 foot apart each way, and keep free from weeds, until leaves are 6 or 8 inches long; then blanch the leaves by gathering them carefully together when perfectly dry and tying them at their tips in a conical form with Raffia to exclude light and air. From 3 to 6 weeks is required to thoroughly blanch. One ounce of seed will sow a bed of about 80 square feet, or 150 feet of row.

**Broad Leaved Batavian.** Leaves broad, nearly plain, light green, best for soups. Per pkt 5c, oz 15c, lb \$1.50.

**French Moss Curled Green.** Moss-like appearance, beautifully curled. Per pkt 5c, oz 15c, lb \$1.50.

**Green Curled Winter.** Standard sort for fall and winter crop. Per pkt 5c, oz 15c, lb \$1.50.

## GARLIC.

Ajo—Knoblauch—Ail.

**Garlic Sets.** Per lb 15c; by mail 10c per lb extra; 100 lbs, market price.

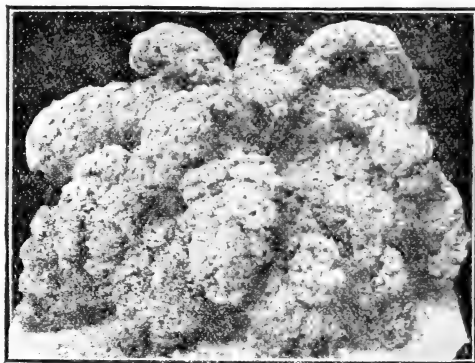
## KALE OF BORECOLE.

Col—Blatterkohl—Chou Vert.

Sow the seeds in beds, covering lightly. Transplant into rich, mellow ground, and cultivate the same as cabbage. They are rendered very tender and delicious by moderate touches of frost. One ounce of seed will produce about 2,000 plants.

**Dwarf Curled or German Greens.** Very hardy, excellent for spring use. Per pkt 5c, oz 10c, lb \$1.00.

**Green Curled Scotch.** The kind most commonly used, grows to a height of 18 inches, and with good cultivation spreads to 3 feet in diameter; leaves bright green and curled. Per pkt 5c, oz 10c, lb \$1.00.



Dwarf Curled or German Green.

## KOHL RABI.

Colinabo—Kohlrabi—Chou-rave.

Sow in rows 2 feet apart; thin the plants to 1 foot apart. One ounce of seed will produce about 2,000 plants.

**Early White Vienna.** Flesh white and tender; very productive. Per pkt 5c, oz 15c, lb \$1.50.

**Early Purple Vienna.** Very hardy; flesh bluish purple. Per pkt 5c, oz 15c, lb \$1.50.



Early White Vienna.

## LEEK.

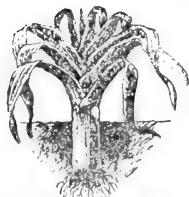
Puerro—Lauch—Poireau.

Sow in drills 1 foot apart and  $\frac{1}{2}$  inch deep, in light, rich soil liberally manured; thin the plants to 10 inches. One ounce of seed will sow about 100 feet of drill.

**London Flag.** A large and strong plant; hardy. Per pkt 5c, oz 15c, lb \$1.50.

**Large Musselburg.** A standard Scotch variety. Per pkt 5c, oz 15c, lb \$1.50.

**Monstrous Carentan.** A superior variety, with distinct and dark-colored leaves. Per pkt 5c, oz 15c, lb \$1.50.




London Flag.

## LETTUCE.

Lechuga—Salat—Laitue.

Select rich, moist soil, and prepare beds or draw drills; thin or transplant, when 1 or 2 inches high, to 1 foot apart for heading; hoe frequently to prevent them going to seed. One ounce of seed will produce about 5,000 plants.

 Write for Special Quotations on Large Quantities.

**CURLED OR LOOSE-LEAVED VARIETIES.**

**Black-Seeded Simpson.** One of the best, either for forcing under the glass or for open-ground culture; leaves are large, thin and exceedingly tender. Per pkt 5c, oz 10c, lb 80c.

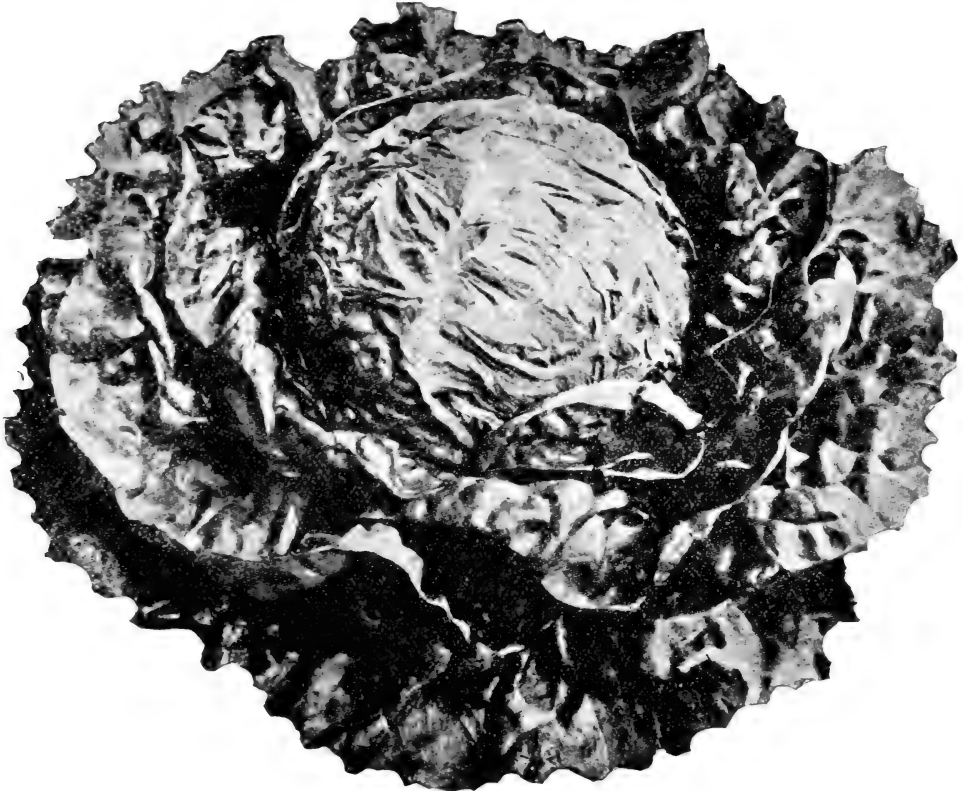
**Early Curled Simpson.** A popular early sort; forms large, loose heads. Per pkt 5c, oz 10c, lb 80c.

**Grand Rapids.** The most popular variety for green-house planting; quick growth. Per pkt 5c, oz 10c, lb 80c.

**Prizehead.** Large loose-headed sort; leaves are tinged with brown; very heavy. Per pkt 5c, oz 10c, lb 80c.

**CABBAGE OR HEADING VARIETIES.**

**Passion.** The favorite variety for the San Francisco and New Orleans markets; produces large, solid heads, of excellent flavor. Owing to the thickness of the outside leaves it keeps a long time without wilting. Per pkt 5c, oz 10c, lb 80c.



Big Boston Head Lettuce.


**Big Boston.** A most desirable large variety. For outdoor planting it is unsurpassed, as it does well under great variations of temperature. Plants large, hardy, vigorous. Leaves broad, smooth, thin, of a light-green color. Heads large, beautiful and solid. Per pkt 5c, oz 10c, lb 80c.

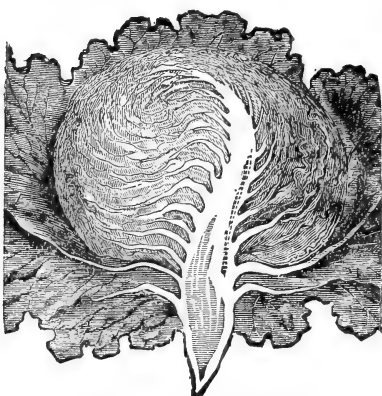
**California Cream Butter.** The outside leaves are of a medium green color, slightly marked with brown spots, while within the leaves are of a rich, creamy yellow; stands the summer heat well, as it grows slowly and forms a very hard head. It remains fit for use a long time. Per pkt 5c, oz 10c, lb 80c.

**Deacon.** Has few outside leaves, grows very solid, and of a delicious buttery flavor. The center of heads blanch to a bright yellow shade; is very crisp and tender and one of the finest heading summer varieties. Per pkt 5c, oz 10c, lb 80c.

**Iceberg.** A beautiful lettuce, worthy of universal cultivation; leaves curly, bright green; heads unusually solid. Per pkt 5c, oz 10c, lb 80c.

**Paris White Cos.** An excellent variety. The leaves fold in of themselves and blanch quickly; large, crisp, tender and of fine flavor; resists warm weather and is the best Cos Lettuce yet introduced. Per pkt 5c, oz 10c, lb 80c.

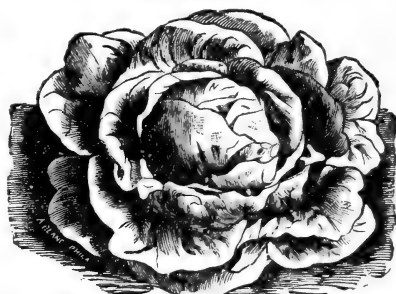
 Write for Special Quotations on Large Quantities.



Improved Hanson Head Lettuce.

**Improved Hanson.** Heads grow to a remarkable size, resembling that of a flat cabbage, and so slow to run to seed that it often fails to form a seed stalk. The outer leaves are bright green, the inner leaves are white and deliciously sweet, tender and crisp, and free from bitter taste. Per pkt 5c, oz 10c, lb 80c.

**New York Head.** The very best lettuce for summer; its size is immense, heads not unfrequently weighing 4 pounds each; the outer leaves are dark, the heads blanch white and are crisp, tender and of excellent flavor. Per pkt 5c, oz 10c, lb 80c.



Denver Market Lettuce.

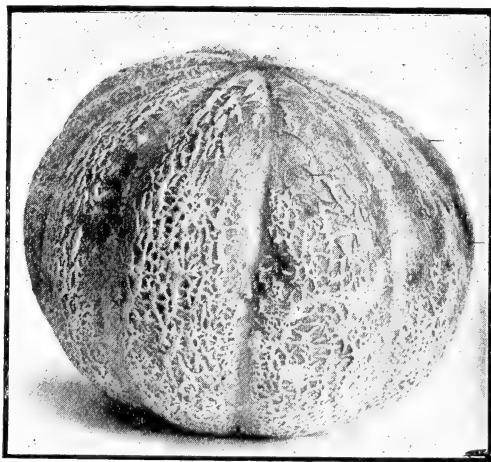
**Denver Market.** An early head lettuce of great merit; very crisp, tender and of excellent flavor. Per pkt 5c, oz 10c, lb 80c.

We can supply the following varieties at the uniform price of, pkt 5c, oz 10c, lb 80c: Salamander, Tennisball, Black Seed, Boston Market, Defiance, Blonde, Blockhead, Wonderful, etc.

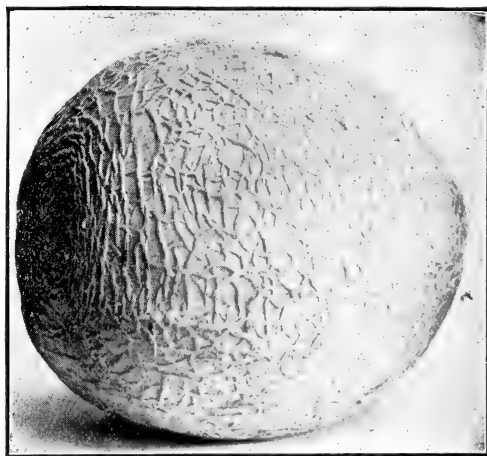
## MELONS — MUSK.

Melón Almizeleno—Cantalupen—Muscade.

Select light, warm soil; plant in hills 6 feet apart each way, six or eight seeds to the hill; thin out to 3 or 4 plants when in a forward state. The hills should be prepared by digging out the soil 1½ feet deep, thoroughly mixing in each hill a couple of shovelfuls of well-decomposed stable manure, filling up a little above the level. The planting should be deferred until warm, settled weather. One ounce of seed will plant about 100 hills.



Extra Early Hackensack.



Columbus.

**Extra Early Hackensack.** This is a very popular sort, producing large, handsome, and extra early melons of the very best quality. It is some two weeks earlier and almost as large as the once famous New Jersey Hackensack; fruit nearly round, deeply ribbed and very coarsely netted. The flesh is green and of a most delicious flavor. We have an excellent stock of this seed, obtained from selected melons only. Per pkt 5c, oz 10c, lb \$1.00.

**Columbus.** An excellent melon for general crop, and a heavy yielder. The skin is covered with a thick netting, almost entirely free from ribs, and the flesh, which is green, is very solid; a good keeper. Per pkt 5c, oz 10, lb \$1.00.

**Champion Market.** The flesh is thick, light green in color, and of very rich, sweet flavor. It is as early as the Netted Gem, which it resembles in shape and appearance, but is fully three times larger; very prolific and a good shipper. Per pkt 5c, oz 10c, lb \$1.00.

 Write for Special Quotations on Large Quantities.

**Large Hackensack or Turk's Cap.** Uniformly of large size, round in shape, flat at the ends; flesh is green, rich and sugary. Per pkt 5c, oz 10c, lb \$1.00.

**Long Island Beauty.** Fruit of large size, well flattened, heavily ribbed and netted; of very handsome appearance and fine quality. This variety ripens as early and is similar to the Hackensack, but is superior. Per pkt 5c, oz 10c, lb \$1.00.

**Emerald Gem.** A small very early melon, form globular, flesh salmon-colored, exceptionally fine flavor. Per pkt 5c, oz 10c, lb \$1.00.

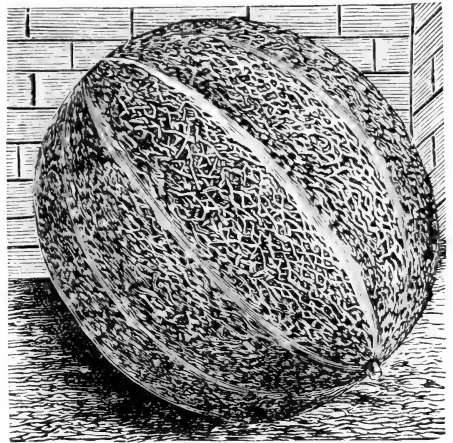
**Miller's Cream, or Osage.** The fruit is large and round with light green, netted skin and thick, sweet, salmon-colored flesh. Per pkt 5c, oz 10c, lb \$1.00.

**Netted Gem.** A grand sort for general early use: very early, productive, uniform and finely netted; flesh rich green, deliciously sweet and melting. Per pkt 5c, oz 10c, lb \$1.00.

**Rocky Ford.** This splendid melon, originating at Rocky Ford, Colorado, has become world famous, and for years enormous quantities have been shipped from that point to leading cities in the east. Since the opening up of the Coachella district to irrigation the cream of the melon trade has reverted to our own state, and farmers in that locality are becoming rich growing and shipping this melon to the eastern markets. The melons are regular and even in size, weighing about 1½ pounds, slightly oval in shape, finely



Montreal Market.



Rocky Ford Melon.

netted; flesh is light green in color and of delicious flavor. The seed we offer was saved by one of the best melon growers in the country and is strictly first-class. Pkt 5c, oz 10c, lb \$1.00.

**Montreal Market.** A very large green nutmeg type, almost round, heavily netted; thick, luscious flesh; late and especially adapted to cool climates. Per pkt 5c, oz 10c, lb \$1.00.

**Germain's Autumn.** A late variety for winter use; can be stored away in the fall and used in winter and spring. Per pkt 5c, oz 10c, lb \$1.00.

**Cassaba or Winter Pineapple.** A large, late melon of unique appearance; skin corrugated, oval shape, green flesh, of pronounced pineapple flavor. Melons do not ripen on vines and the flavor is greatly improved after being stored in a cool place. Per pkt 5c, oz 10c, lb \$1.00.

#### IMPORTED VARIETIES FOR FORCING.

**Blenheim Orange.** A favorite variety, scarlet flesh, good flavor. Per pkt 25c.

**Windsor Castle.** Green flesh, oval shape, finely netted, delicious flavor. Per pkt 25c.

#### WATER MELONS.

Sandia—Wassermelone—Melon d'Eau.

As soon as the weather becomes settled and warm, select soil and manure as recommended for musk melons. Plant in hills 6 or 8 feet apart, 6 to 10 seeds, 1 inch deep and thin to 3 best plants. Hoe often, and gradually hill up until the vines touch, and after the flowers appear, pinch off the extreme end of the most luxuriant shoots.

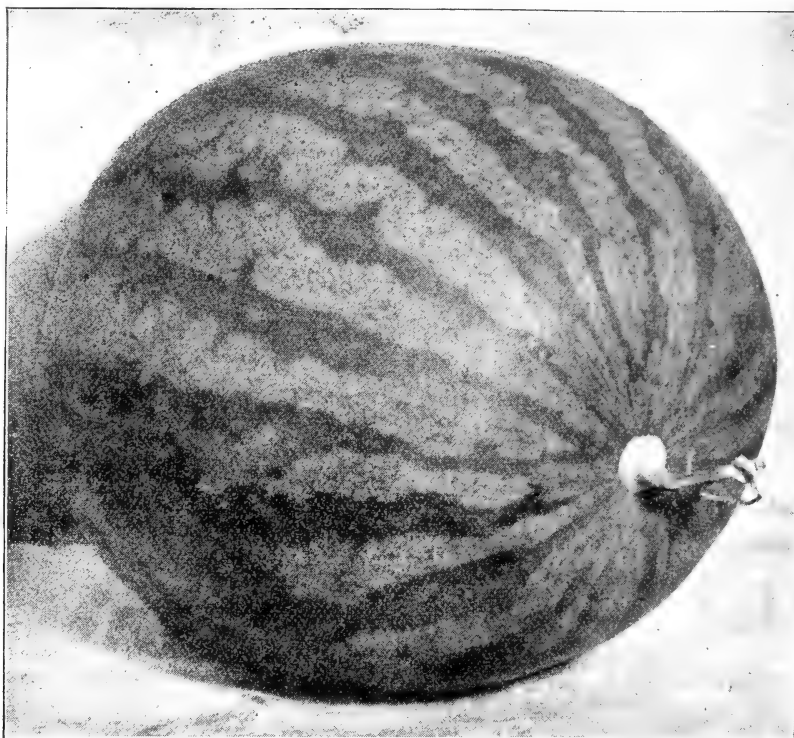
**Alabama Sweet.** This is a very popular variety in the south, especially in Texas, where they grow it in preference to any other melon. In shape it is long, color dark green, flesh red and absolutely stringless. Per pkt 5c, oz 10c, lb 60c.

**Cuban Queen.** Melons are oblong in form. Skin striped, dark and light green. Rind quite thin, but tough enough for shipping. Flesh bright red and of fine quality. Per pkt 5c, oz 10c, lb 60c.

**Fordhook, Early.** This is the earliest large-fruited melon in cultivation, weighing 30 to 40 pounds each, has a deep green skin and is an excellent shipper; the flesh is light red, crisp and sweet and of splendid quality. Per pkt 5c, oz 10c, lb 60c.

 Write for Special Quotations on Large Quantities.

**The Chilian.** The king of all melons. This magnificent melon is so popular in Southern California that it has practically excluded all other varieties, which is sufficient proof of its merit. We have no hesitation in saying that it is the best melon in the United States, as visitors from all parts are unceasing in its praises. The demand has been so great that it is almost impossible to get seed to supply our trade. We realize the importance of pure seed and have made arrangements the past season with one of the best melon growers in the country to grow a large acreage for us for seed hence we can confidently recommend it to our patrons as the purest strain obtainable. Originally from South America it has fully borne out all that the grower claimed for it. In shape almost round, dark green, slightly mottled with darker green. Rind exceedingly thin, not over a quarter-inch in thickness, but hard; a splendid shipper. Flesh deep crimson clear through, crisp, solid and of delicious flavor. Per pkt 5c, oz 10c, lb 60c, 10 lbs \$5.00.



Chilian Melon.

**Girardeau's Triumph.** One of the best market and shipping melons in cultivation. It is early, prolific, and averages very large. Its fine appearance makes it a ready-seller in any market. The rind, like that of the Duke Jones, is of dark green color with indistinct stripe. Flesh solid and sweet. Per pkt 5c, oz 10c, lb 60c.

**Girardeau's New Favorite.** Resembles the Florida Favorite, but is larger. It is early, productive, tender and crisp, has bright red, very sweet flesh. The rind is thin and too tender to stand shipment long distances, but is a splendid melon for home use or nearby market. Per pkt 5c, oz 10c, lb 60c.

**Yellow-Fleshed Ice Cream.** This melon has become very popular among the local growers around Los Angeles; in fact, in past seasons we have never been able to secure enough stock to supply the demand. The melon grows very large, of oblong shape; the flesh is a beautiful yellow, and has a peculiar, delicious flavor, different from any other variety. Per pkt 5c, oz 10c, lb \$1.00.

**Sweet Heart.** Large fruits of oval or round form; flesh is a deep rich red, crisp and melting. Per pkt 5c, oz 10c, lb 60c.

**Georgia Rattlesnake, or Gypsy.** Standard southern variety, possessing remarkable shipping qualities; oblong, scarlet flesh, crisp and juicy. Per pkt 5c, oz 10c, lb 50c.

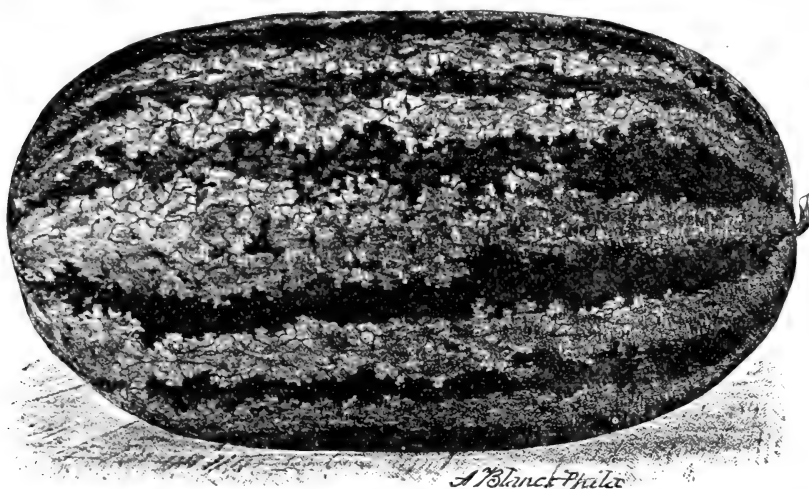
**Duke Jones.** A large, nearly round, dark green melon; a fine shipper; flesh bright red, sweet and juicy. Per pkt 5c, oz 10c, lb 60c.

**Kleckley Sweets.** This new melon is one of the very best for the home market or for family use. The melons are large, 18 to 20 inches long and 10 to 12 inches in diameter, dark green, thin rind, flesh scarlet and very sweet. Per pkt 5c, oz 10c, lb 60c.

 Write for Special Quotations on Large Quantities.



**Florida Favorite.** This variety is the favorite in the north. It ripens early, has dark skin with light green stripes; flesh crimson and exceedingly sweet. Per pkt 5c, oz 10c, lb 60c.



Florida Favorite.

**Colorado Preserving Citron.** Excellent for making preserves. Per pkt 5c, oz 10c, lb 60c.

We can supply the following standard varieties at the uniform price of per pkt 5c, oz 10c, lb 50c: Ice Cream, Phinney's Early, Kolb's Gem, Dixie, Light Icing, Mammoth Ironclad Lodi, Black Spanish.

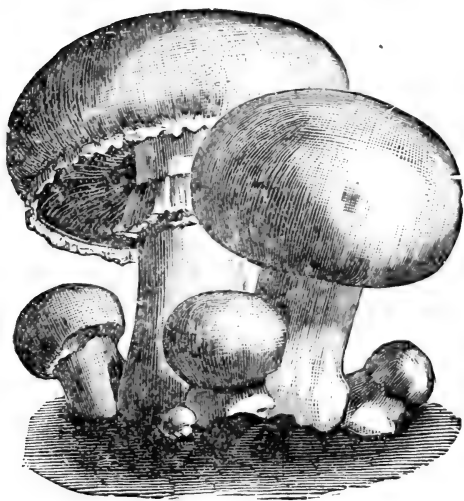
### STOCK MELON.

**Melon Pumpkin.** Good for feeding cattle or for pies; flesh very firm and solid, with small proportion of seeds. Per oz 10c, lb 30c.

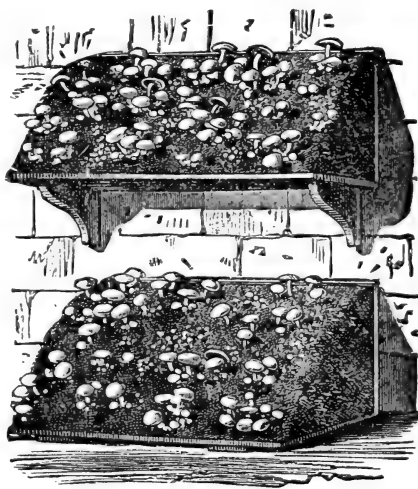
**Tsama, or Khama Melon.** A stock melon from South Africa. It is a species of water melon from the desert regions, and is considered valuable as a stock food; is an immense cropper, much heavier than the Kansas Pie Melon. Per pkt 5c, oz 25c, lb \$2.50.

### MUSHROOM SPAWN.

Seta—Schwamm—Champignon.



Mushrooms.



Mushroom Beds.

 Write for Special Quotations on Large Quantities.

One of the most profitable crops for the outlay that can be grown. The market is sure, because the supply never equals the demand. Mushrooms can be grown in any dark room or cellar where the temperature can be kept at 50 to 70 degrees. From some old pasture procure good rich soil and store it away. To every bushel of this add two bushels of fresh horse manure. Of this well mixed compound prepare a bed, say 4 feet wide. Put down a thin layer and pound it down hard, and so on until the bed is 12 to 18 inches thick. It soon becomes pretty hot, but let the heat recede until it is only 85 to 90 degrees. Then make holes, say a foot apart, and put in the spawn, two or three pieces as large as a walnut to each hole. Cover the holes and press the soil solid and smooth. Let the bed remain in this condition about 12 days; then cover the bed with two inches of fresh loam, and over this put 4 or 5 inches of hay or straw, and the work is done. If the temperature is right, in 6 or 8 weeks you may expect mushrooms. The beds will continue bearing from 20 to 30 days. After the first crop is gathered, spread over the bed an inch of fresh soil, moisten with warm water, and cover with hay as before. The main conditions in mushroom growing are proper and uniform temperature and very rich soil. One pound of spawn is sufficient for a bed 2x6 feet. We import our spawn from the best makers in England and France. To grow mushrooms successfully write for Mushroom Culture, by W. Robinson. By mail post paid, 50c.

**English Spawn.** In bricks. Each 20 cents. Postage extra 10c per brick.

**French Spawn.** In 2 lb boxes, including pamphlet of cultural directions. Each \$1.00, 4 lb boxes \$2.00. Too heavy for the mails; sent only by express.

## MUSTARD.

Mostaza—Senf—Moutarde.

**Brown or Black.** More pungent than white. Per lb 10c.

**New Chinese.** Leaves very large, 14 to 16 inches in length, which are cooked like spinach, and have a very agreeable flavor. One of the best green foods for poultry. Per pkt 5c, oz 10c, lb 60c.

**White London.** Best for salads or medicinal purposes. Per lb 10c.

When ordering by mail, add 10c per lb to cover postage.



New Chinese Mustard.

## OKRA.

Quimbomo—Essbarer—Gombo.

This vegetable produces long, nutritious pods, which, when young, are used in soups and stews, to which they impart a rich flavor. Sow after the ground has become warm, in drills 2 inches deep, 2½ feet apart; thin out the plants to 9 inches in the row; hoe often and draw the earth up to the stems. One ounce of seed will sow 50 feet of row.

**Early Dwarf.** Productive; pods white, round, smooth. Per pkt 5c, oz 10c, lb 60c.

**Long Green.** Later and more productive; ribbed pods. Per pkt 5c, oz 10c, lb 60c.

**White Velvet.** Pods round, smooth, free from seams, exceedingly tender, well flavored and very prolific. Per pkt 5c, oz 10c, lb 60c.



Early Dwarf.

## ONIONS.

Cebolla—Zwiebel—Ognon.

Select fine, light soil, and manure heavily with the oldest and strongest compost that can be procured. Plow a depth of 5 inches, and work well with the cultivator. Plow again at right angles with the first furrows, and again thoroughly cultivate. The ground will then be in fine working order, and should be leveled smoothly with a rake. Drill 14 inches apart, sowing the seed thinly; cover a quarter of an inch deep with fine soil, and press down with the back of a spade or light roller. When the young plants are strong enough thin gradually, so that they stand finally 4 inches apart. Keep clean from weeds, and take care that the earth does not accumulate about the bulbs, but allow them to bottom above the ground. When the greenness has left the tops of the onions, pull them and let them dry a few days before storing. One ounce of seed will sow about 100 feet of drill. Four pounds to the acre. See illustration of onion field on page 2.

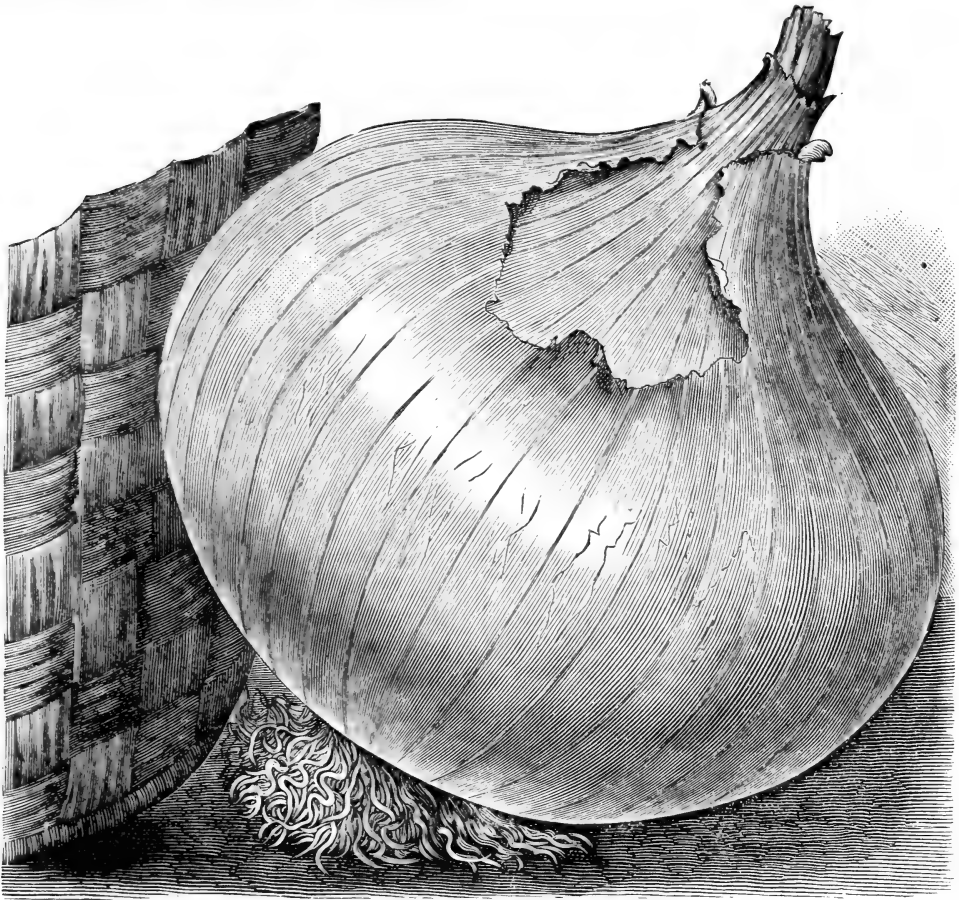


Write for Special Quotations on Large Quantities.

**To obtain onions of full growth and regular size** sow the seed thickly in beds about December, then transplant the young plants to the open ground; trim off top and bottom before setting out as this helps materially to increase the size of bulbs. This may appear like hard work to some of our readers, but taking into consideration the advantage gained over the weeds at the start, the uniformity in size of the bulb at maturity, and the practical impossibility of a failure of crop, will more than repay the extra labor. In this climate a continuous crop may be had by planting every two or three months.

**New Queen.** Very early, flat, beautifully white, and of the finest flavor; grows to a fair size in California, and is one of our best market varieties, its principal recommendation being its rapidity of growth and its long-keeping qualities. Also an excellent variety for pulling green or pickling. Per pkt 5c, oz 20c, lb \$1.50.

**Extra Early Pearl, or Barletta.** Small, early, pure white skinned, mild flavor, fine for pickling or for pulling green. Per pkt 5c, oz 20c, lb \$1.50.



Mammoth Prize-Taker.

**Bermuda Onion, White.** The bulbs are quite broad and flat in form. The color is not a clear white, as in our American varieties, but rather a pale straw; flesh crisp, solid, and mild in flavor. The plants are extremely thin-necked, insuring even and early ripening. Per pkt 5c, oz 15c, lb \$2.50.

**Australian Brown.** A variety introduced from Australia. The bulbs grow to a good marketable size, are very hard and solid and of uniform shape. Amber brown color and mild flavor. Splendid keeper. Per pkt 5c, oz 10c, lb \$1.00.

**Large Red Wethersfield.** Grows very large; keeps well and is pleasant flavored. Per pkt 5c, oz 10c, lb \$1.00.

**Germain's Yellow Globe Danvers.** Our strain is specially selected. The onions are straw color, mild in flavor, and excellent keepers. Per pkt 5c, oz 10c, lb \$1.00.

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**Write for Special Quotations on Large Quantities.**

**Spanish King, or Mammoth Prize-Taker.** Largest onion known; will grow to full size in California; of a straw color. Per pkt 5c, oz 15c, lb \$1.50.

**White Portugal, or Silver Skin.** This variety is one of the leading white sorts, and is of beautiful shape and very mild flavor. The bulbs are flat and mature early. It is a splendid variety for both family use and the market gardener. It grows to a fair size, bulbs average 2 to 3 inches in diameter. Per pkt 5c, oz 20c, lb \$1.50.

**Mammoth Silver King.** This splendid large white onion is a popular sort to grow for market. The bulbs are of attractive form, flattened but quite thick through. Under good cultivation single bulbs often attain a weight of from two to three pounds each. Flesh is sweet and tender. They grow quickly, mature quite early and sell well in summer and fall. Per pkt 5c, oz 20c, lb \$1.50.

**Giant White Italian Tripoli.** (El Paso or Large Mexican). Bulbs of large size and beautiful form, with white skin. Under good cultivation large onions can be raised in a single season from seed, weighing from one to one and a half pounds, but will attain much larger size if planted in beds in December or January and then transplanted. In this way an early crop is assured. Per pkt 5c, oz 20c, lb \$1.50.



Mammoth Silver King.

We carry in stock the following varieties at the uniform price of per pkt 5c, oz 10c, lb \$1.00: Danvers flat, Extra Early Red, Red Globe, Southport, Yellow Globe, etc.

## ONION SETS.

The demand for onion sets is growing more and more each season. Onion growers and gardeners have long been alive to the time saved by using sets in place of seed. They are obtained by sowing seed thickly in the spring in beds, and about the end of August, when the tops die the little bulbs are gathered and are then ready for use, to be planted out to grow for large onions, or green onions. Our trade on sets is immense and this year we have grown extensively hence will be able to fill all orders regardless of size.



**Yellow Bottom Sets.** Per lb 15c.

**White Bottom Sets.** Per lb 15c.

**Australian Brown Sets.** Per lb 15c.

If ordered by mail, 10c per pound will be charged additional for postage. Price per 100 pounds on application.

## PARSLEY.

Perijil—Petersilie—Persil.

Parsley succeeds best in rich moist soil. Sow thickly in drills 1 foot apart, and  $\frac{1}{2}$  inch deep. When the plants are 2 inches high, thin them out to 4 inches apart. One ounce of seed will sow about 50 feet of row.

**Champion Moss-Curled.** Beautifully curled; finest variety for garnishing. Per pkt 5c, oz 10c, lb 60c.

**Fine Double Curled.** A fine dwarf variety. Per pkt 5c, oz 10c, lb 60c.

**Hamburg, or Turnip-Rooted.** The roots are excellent for flavoring soups. Per pkt 5c, oz 10c, lb \$1.00.

## PARSNIP.

Chirivia—Pastinake—Panais.

Sow in drills of rich soil  $1\frac{1}{2}$  inch deep and 15 inches apart and cultivate the same as carrots. One ounce of seed will sow about 50 feet of row.

 Write for Special Quotations on Large Quantities.

**Improved Guernsey.** Half long. The roots do not grow so long as the Hollow Crown, but are larger in diameter and more easily gathered. Per pkt 5c, oz 10c, lb 60c.

**Hollow-Crowned.** Best parsnip grown either for table or stock. Per pkt 5c, oz 10c, lb 50c.

**Short Round, or Turnip-Rooted.** For shallow soil. Per pkt 5c, oz 10c, lb 60c.

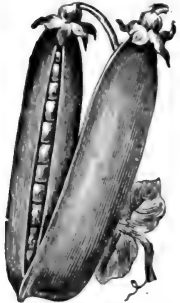
## PEAS.

Chicharos ó Guisantes—Erbesen—Pois.

The pea is one of our most important crops, and to be successfully grown must be liberally treated. A

deep, rich soil, well pulverized, and incorporated with a fair allowance of well decayed manure, should be chosen for the principal crops. For early peas the ground does not require to be so rich. Sowing of the first early variety should be made in October, and the other varieties for successive crops, plant every 2 weeks until the first of April.

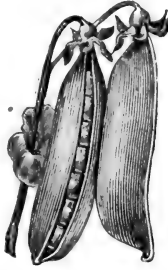
Peas are sown in single or double rows, from 2 to 6 feet apart, according to the variety or the height to which they attain. Have rows of the dwarf varieties 2 feet apart, and those of the medium sorts from 3 to 4 feet, and the tall varieties from 5 to 6 feet apart. Tall varieties require sticks. Two pounds will sow 100 feet of row. If ordered by mail add 10c per pound for postage.



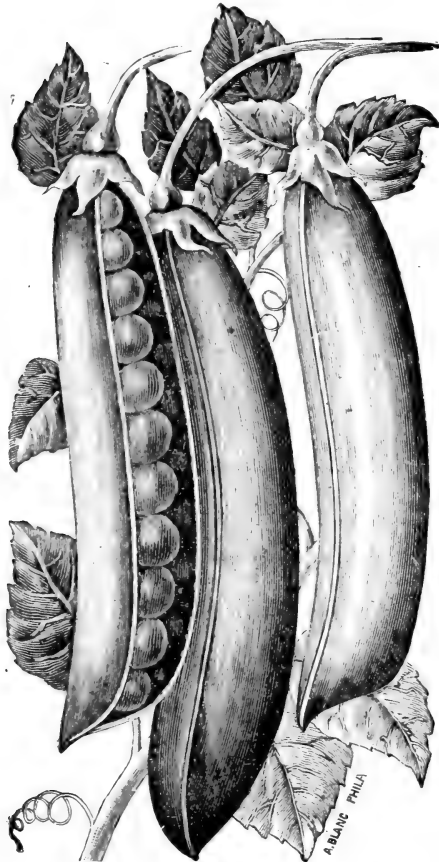
McLean's Advancer.



Yorkshire Hero.



Premium Gem.



Gradus.

### FIRST EARLY VARIETIES.

**American Wonder.** 10 to 12 inches high. Extra early; of dwarf, compact growth, wrinkled; of the finest quality. Per lb 15c, 10 lbs \$1.25.

**Cleveland's Alaska.** The earliest pea known; excellent for early use; 3 feet. Per lb 15c, 10 lbs \$1.25.

**McLean's Little Gem.** Green wrinkled, early marrow, delicious flavor, 15 inches. Per lb 15c, 10 lbs \$1.25.

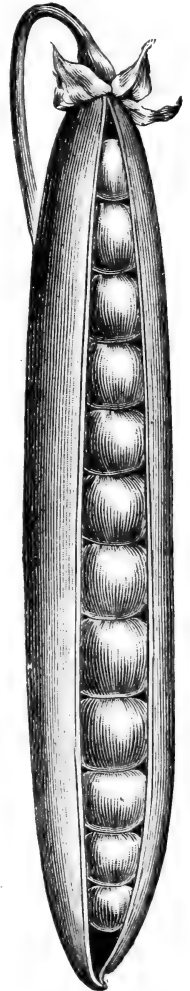
**Premium Gem.** Splendid wrinkled variety, very early, fine flavor; 18 inches high. Per lb 15c, 10 lbs \$1.25.

**Gradus.** This magnificent pea is one of the finest yet introduced. It is as early as American Wonder with pods as large as Telephone, filled with 8 to 10 large peas of most delicious flavor. It is a vigorous grower and very productive. Vines 2½ feet high. Per lb 20c.

### SECOND EARLY VARIETIES.

**Abundance.** Immense bearer; peas large and of excellent quality; 2 feet high. Per lb 15c, 10 lbs \$1.10.

**Dwarf Sugar.** (Edible pods). Pods beautifully crimped, very sweet, delicious flavor; use same as snap beans. Per lb 15c.



Telephone.

 Write for Special Quotations on Large Quantities.



**McLean's Advancer.** Green wrinkled variety, fine flavor, very productive: 2 feet. Per lb 15c.

**Stratagem.** A very heavy cropper, produces large, well-filled pods of excellent quality. One of the finest peas in cultivation. Per lb 15c, 10 lbs \$1.50.

**Yorkshire Hero.** Los Angeles market favorite; 2½ feet; sure cropper. Per lb 15c, 10 lbs \$1.00.

### LATE VARIETIES.

**Champion of England.** Green wrinkled, great favorite, unsurpassed in quality and productiveness; 4 to 4½ feet. Per lb 15c, 10 lbs \$1.25.

**Everbearing.** Remarkably prolific, pods are very fine and closely filled; peas soft, juicy and excellent flavor; 3 feet. Per lb 15c, 10 lbs \$1.25.

**Telephone.** Handsome, well-filled pods, peas large size, good quality; 4 to 5 feet. Per lb 15c, 10 lbs \$1.25.

### PEPPER.

Pimiento—Pfeffer—Piment.

Sow early in the spring in a frame; transplant when the weather is favorable to open ground, in rows 18 inches apart and 10 inches in the row. The ground should be highly manured before transplanting. When about 6 inches high, hoe the plants and earth up slightly.

**Cayenne.** Pods small, long and tapering; coral red when ripe, very hot and strong, best kind for seasoning pickles; the Cayenne pepper of commerce. Per pkt 5c, oz 25c, lb \$2.25.

**Cherry.** Small, round, smooth and productive; a good variety. Per pkt 5c, oz 25c, lb \$2.50.

**Large Bell, or Bull Nose.** Early, sweet and of good flavor. Per pkt 5c, oz 25c, lb \$2.25.

**Large Sweet Mountain.** Very large, and excellent for mangoes. Per pkt 5c, oz 25c, lb \$2.25.



Mexican Chili.



Large Bell or Bull Nose

**Chili, Small, or Bird's Eye.** Pods pendant, sharply conical, about 1½ inches in length, very pungent, excellent for pickles. Per pkt 5c, oz 25c, lb \$2.50.

**Mexican Chili.** Beautiful and productive; 3 to 4 inches in length, pungent. Per pkt 5c, oz 10c, lb \$1.00.

**Red Cluster.** This variety fruits in bunches at the end of each branch. The thin peppers are of a brilliant coral red color, and very hot in flavor. Per pkt 5c, oz 30c, lb \$3.00.

**Ruby King.** Large size, splendid color, mild and productive. Per pkt 5c, oz 25c, lb \$2.25.

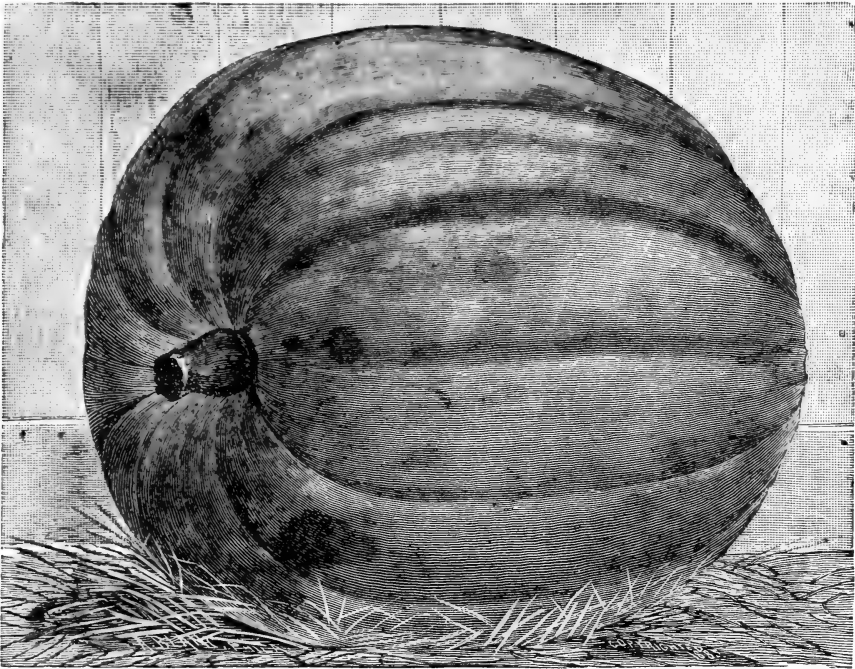
Bear in mind we do not sell "Cheap" seeds; that is an occupation enjoyed by others. Many seeds are grown under our personal supervision, from strains known to be of superior quality. Poor and unreliable seed is dear at any price, and for that reason no soil-tiller can afford to trifle with "held-over" or untested seeds. We sell only seeds tested by an expert on our grounds; hence you are safe in trusting us with your orders.

 Write for Special Quotations on Large Quantities.

## PUMPKINS.

Calabasa—Kurbis—Cource.

Plant in manured hills 8 feet apart, and leave 3 strong, healthy plants in each hill. When planted among corn, take every fourth row. Keep as far from melons and cucumbers as possible, as they are apt to mix. One pound of seed will plant about 400 hills.



Mammoth Tours, or Jumbo Pumpkin.

**Large Yellow Mammoth Potiron.** The color is a rich, dark yellow and the flesh of a little lighter shade, of excellent quality; valuable for pies or for stock feeding. It is a remarkable keeper. Per pkt 5c, oz 15c, lb \$1.50.

**Cashaw.** (Crook-necked.) Solid flesh, fine and sweet, keeps well. Per pkt 5c, oz 10c, lb 75c.

**Cheese.** Size large; skin reddish orange; flesh thick, fine and sweet; keeps well. Per pkt 5c, oz 10c, lb 75c.

**Connecticut Field.** The true eastern kind for stock; seeds much used medicinally. Per pkt 5c, oz 10c, lb 50c.

**Mammoth Tours, or Jumbo.** (King of Mammoths.) Immense size, often weighing 150 pounds; very productive and good keeper; flesh salmon color; desirable for cooking purposes and stock feeding. Per pkt 5c, oz 10c, lb \$1.00.

**Quaker Pie.** Nearly oval, color creamy white inside and out, flesh sweet and rich; good keeper. Per pkt 5c, oz 10c, lb \$1.00.

## FIELD PUMPKINS.

If ordered by mail, 10c per lb additional will be charged for postage.

**California Field.** Selected; very large. Per lb 15c.

**Large Sweet Field.** Very popular among the local growers; size very large; hardy and productive. Per lb 25c.

## SEED POTATOES.

We can supply choice seed in fall or spring. Write us for prices of the following varieties: Early Rose, Early Ohio, Triumph and Burbank.

## SWEET POTATOES.

We will be able to supply potatoes of such varieties as Yellow Nansemond, Large White, and Jersey Red during the fall and winter up to February, and plants after March 1st.

**Write for Special Quotations on Large Quantities.**

## RADISH.

Rábano—Radieschen—Radis.

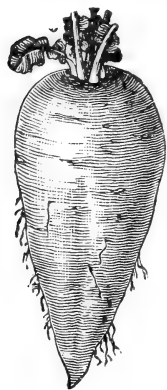
The radish will succeed well in any good garden soil, not over moist or too heavy. A sandy loam enriched by well-rotted manure is best. For early and late crops a warm, sheltered situation should be chosen; whilst for those sown in the heat of the summer a rather shady spot must be selected. For a succession sow every two weeks. The ground where the sowing is to be made should be deeply dug and raked fine. The seed is generally sown thinly broadcast, in beds 4 to 5 feet wide, with 1-foot alleys between. One ounce of seed will sow about 50 feet of drill or a bed of 40 square feet.

**Scarlet Turnip.** An excellent early variety, crisp and tender. Per pkt 5c, oz 10c, lb 50c.

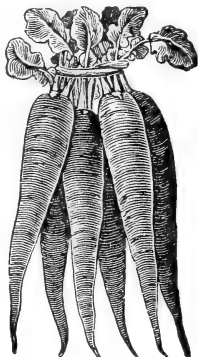
**Scarlet Turnip, White-Tipped.** An early variety of excellent quality. Per pkt 5c, oz 10c, lb 50c.

**Scarlet Olive-Shaped.** Oval, very early and handsome; flesh rose-colored, tender and brittle. Per pkt 5c, oz 10c, lb 60c.

**French Breakfast.** A fine early variety; olive shaped, scarlet body with white tips. Per pkt 5c, oz 10c, lb 50c.



Mammoth White.



Early Long Scarlet.

**Early Long Scarlet Short Top.** Roots long, pinkish color; flesh white, crisp. Per pkt 5c, oz 10c, lb 50c.

**White Turnip.** Early, resembles the Scarlet Turnip, except in color, and mixed with same they present a charming appearance for the table. Per pkt 5c, oz 10c, lb 50c.

**White Strasburg.** One of the most val-

uable summer radishes. Per pkt 5c, oz 10c, lb 60c.

**Black Spanish Winter, Long.** Grows to a large size, of oblong shape, quite solid. Per pkt 5c, oz 10c, lb 60c.

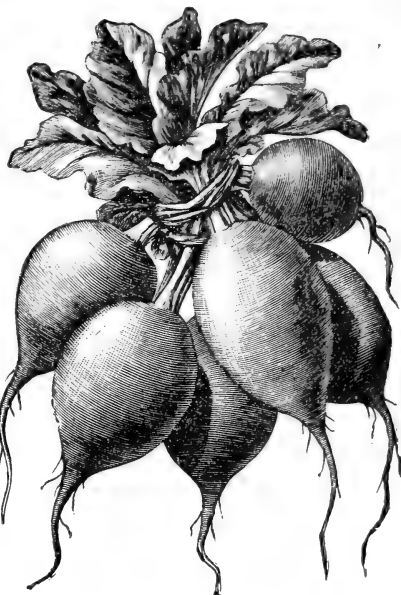
**Black Spanish Winter, Round.** Similar to the above except in form. Per pkt 5c, oz 10c, lb 60c.

**Beckert's Chartier.** Decidedly distinct in appearance. Per pkt 5c, oz 10c, lb 50c.

**California Mammoth White.** A winter sort introduced into California by the Chinese; 8 to 12 inches long and 2 inches in diameter; flesh white, firm and of excellent flavor. Per pkt 5c, oz 10c, lb 60c.

**China Rose Winter.** Medium size, oblong, of a bright rose color; one of the best varieties for winter use. Per pkt 5c, oz 10c, lb 60c.

**Mixed Radishes.** Supply a nice assortment for the table, of all colors and sizes. Per pkt 5c, oz 10c, lb 50c.



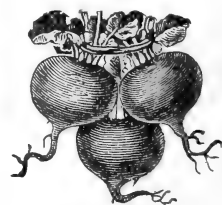
Scarlet Olive-Shaped.



Mixed Radishes.



French Breakfast.



Scarlet Turnip.

**Horse Radish Roots** No garden should be without this pungent vegetable. Cut the roots into small pieces, saving the eyes, and plant in rows 18 inches apart and 2 feet between the rows. Per doz 15c 100 for \$1.00.

Write for Special Quotations on Large Quantities.

**RHUBARB, OR PIE PLANT.**

Ruibarbo—Rhabarber—Rhubarbe.

Sow the seed early in the spring, in drills 18 inches apart, and cover 1 inch deep; thin the plants to 6 inches apart, and keep them free from weeds. When the plants are 1 year old remove to prepared beds and place 4 feet apart each way. Do not cut until the second year, and apply a dressing of manure every fall.

**Monarch, or Giant.** A superior variety of large size. Per pkt 5c, oz 15c, lb \$1.50.

**Victoria.** Very large, fine for cooking; cultivated largely by market gardeners for main crop late in the season. Per pkt 5c, oz 15c, lb \$1.50.

**Rhubarb Roots.** Large clumps of either variety, each 10c, doz \$1.00. Postage extra.

**ROSELLE.**

(Hibiscus Rosella Subdorifa.)

The plants grow from 3 to 6 feet high and bear an abundance of handsome flowers, followed by fruit enclosed in a thick, fleshy calyx, from which is made an excellent jelly, like, but an improvement upon, that made from black currants. It also makes a fine sauce when stewed like cranberries. The seed should be sown in February on bottom heat and treated like the egg plant. Per pkt 10c, oz 50c.

**SALSIFY, OR VEGETABLE OYSTER.**

Ostión Vegetal—Haferwurz—Salsifis.

Cultivate the same as parsnips.

**Long White.** Per pkt 5c, oz 10c, lb \$1.00.

**Sandwich Island.** Of enormous size, very tender and delicious. Per pkt 5c, oz 15c, lb \$1.25.

**SPINACH.**

Espinaca—Spinat—Epinard.

For summer use sow early in spring, in drills 1 foot apart, and thin the plants 5 inches from each other in the row. For winter and spring use sow in September. One ounce of seed will sow about 50 feet of row.

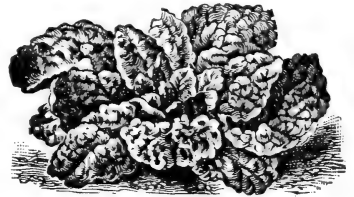
**Bloomdale or Savoy-Leaved.** The earliest of all the varieties, and one of the best for autumn planting for early spring use. The leaf of this sort is wrinkled in the same manner as the Savoy cabbage. Per pkt 5c, oz 10c, lb 35c.

**Round or Summer.** The variety used for early spring planting; leaves, large, thick and compact. Per pkt 5c, oz 10c, lb 35c.

**Long Standing.** Remains a long time before running to seed. Per pkt 5c, oz 10c, lb 35c.

**New Zealand.** Abundant producer throughout the summer; transplant 3 feet apart each way. Per pkt 5c, oz 10c, lb 60c.

**Prickly, or Fall.** Very hardy; used for fall planting; long thin leaves. Per pkt 5c, oz 10c, lb 35c.



Round or Summer.

**SORREL.**

Acedera—Sauerampfer—Oseille.

**Large Leaved French.** Used for salads. Per pkt 5c, oz 15c, lb \$1.25.

**SQUASH.**

Calabacera—Kurbiss—Courge.

Light, warm soil is best adapted to the growth of the squash. The seed should not be sown until all danger from frost is past. Plant in hills—prepared in the same manner as for cucumbers and melons—the bush kinds about 4 feet apart, and the running varieties from 6 to 9, according to their nature, as some will run more than others. Plant about  $\frac{1}{2}$  dozen seeds in each hill. The earth about the plants should be kept loose and clean from weeds until runners are well started. Cutting off the leading shoots of the running varieties is recommended as having a tendency to promote growth and early maturity of the fruit. One ounce of seed will plant from 15 to 50 hills.



Early White Bush Scalloped.

**Early White Bush Scalloped.** The earliest; similar in shape to the yellow. Per pkt 5c, oz 10c, lb 75c.

**Early Golden Bush Scalloped.** An early variety, well flavored and productive; excellent for the market. Per pkt 5c, oz 10c, lb 75c.

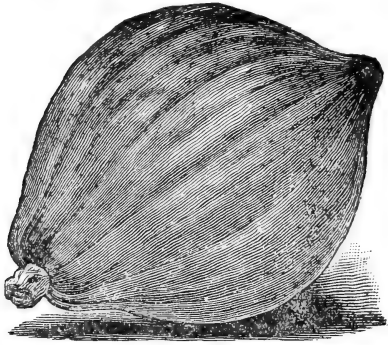
**Summer Crook-Neck.** This is the richest summer squash; very early and productive. Per pkt 5c, oz 10c, lb 75c.

**Golden Hubbard.** Grows very similar to the Green Hubbard; but is very productive. The flesh is a deep, golden yellow. Per pkt 5c, oz 10c, lb 75c.



Hubbard.

**Hubbard.** The best of all winter varieties; grows to a large size. Per pkt 5c, oz 10c, lb \$1.



Boston Marrow.

**Long White Vegetable Marrow.** An English squash of very superior flavor. Per pkt 5c, oz 10c, lb \$1.00.

**Mammoth Chili.** Grows to immense size, often weighing over 200 lbs; very productive. Per pkt 5c, oz 10c, lb \$1.00.

**Pike's Peak or Sibley.** Entirely original and distinct, considered an improvement on the Hubbard. Per pkt 5c, oz 10c, lb 75c.

**Boston Marrow.** A standard fall squash of rich orange color, very productive and keeps well. Per pkt 5c, oz 10c, lb 75c.

**California Large Field.** A very large squash, often called pumpkin; grows to an immense size, frequently weighing over 100 lbs. Per lb, postpaid, 25c.



Summer Crook-Neck

## TOBACCO.

Tabaco—Tabak—Tabac.

The seed may be started in hot beds, or sown in the open ground as soon as the ground is warm, in rich dry soil; rake off the bed and sow broadcast, pressing down firmly and evenly, covering the seed very slightly; keep free from weeds, and water frequently if the weather is dry; set out when all chance of frost is past, 3 feet apart, in land that has been heavily manured with wood ashes, if obtainable—brush burned on the ground will answer the purpose. One ounce will sow 25 feet square, and produce plants for one acre.

**Havana.** Bearing a fine colored leaf, varying from straw color to dark brown or black; it surpasses all other varieties in flavor for cigars; heavy cropper, fine texture, and the earliest variety to mature and ripen.

**American Grown.** Per pkt 10c, oz 30c, lb \$3.00.

**Cuban Grown.** (Vuelta de Abajo.) Per pkt 10c, oz 60c, lb \$6.00.

**Connecticut Seed Leaf.** Grows to a height of about 5 feet, with leaves 2½ to 3 feet in length and from 15 to 20 inches broad, one of the best varieties for cigar wrappers. Per pkt 5c, oz 30c, lb \$3.

Prices on other varieties on application.

## TOMATO.

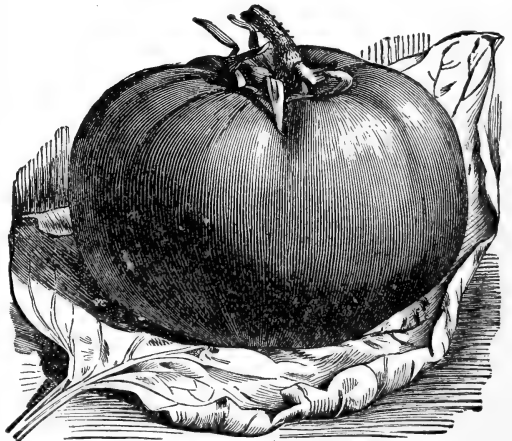
Gitomate—Liebesapfel—Tomate.

Sow the seed in frame or sheltered bed. When the plants are 2 or 3 inches high, thin them out and set them in pots or in another bed, to give them room and make them "stocky." When 5 or 6 inches high, if the weather be warm and settled, transplant them to open ground, selecting a rainy day, if possible; in the absence of rain, water and protect till well rooted. Set plants 4 feet apart each way; support by driving 2 or 3 stakes around each plant, and encircle with as many barrel hoops; this will serve to keep the fruit off the ground. One ounce of seed will produce 3,000 plants. The tomato requires a rather light soil to ripen early, but if handsome fruit and a plentiful crop be desired, very rich soil should be selected.

**Sparks' Earliana.** The earliest large tomato yet introduced of uniform shape; very solid, of fine appearance and splendid quality. A prolific bearer and highly prized by market gardeners for shipping to early markets. Per pkt 5c, oz 40c, lb \$4.00.

**Chalk's Early Jewel.** Nearly as early as the celebrated Earliana. Fruits are larger and of finer flavor. The combination of size, earliness and quality makes it a most desirable acquisition to the tomato family. Following Earliana it makes a team that cannot be beaten for fall and early spring use. Per pkt 5c, oz 60c, lb \$6.00.

**Early Richmond.** Extra selected; a favorite winter variety with our Los Angeles gardeners in frostless districts. Per pkt 5c, oz 30c, lb \$3.00.

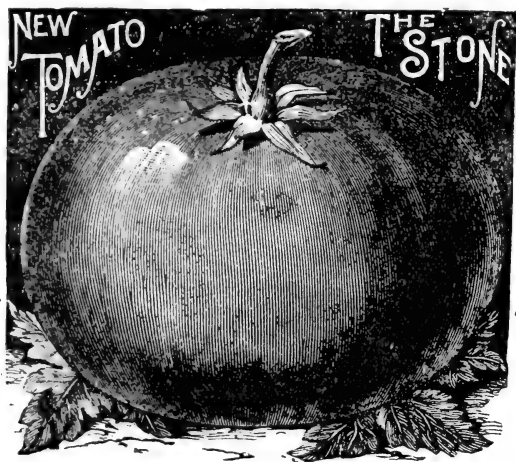


Sparks' Earliana.

✉ Write for Special Quotations on Large Quantities.

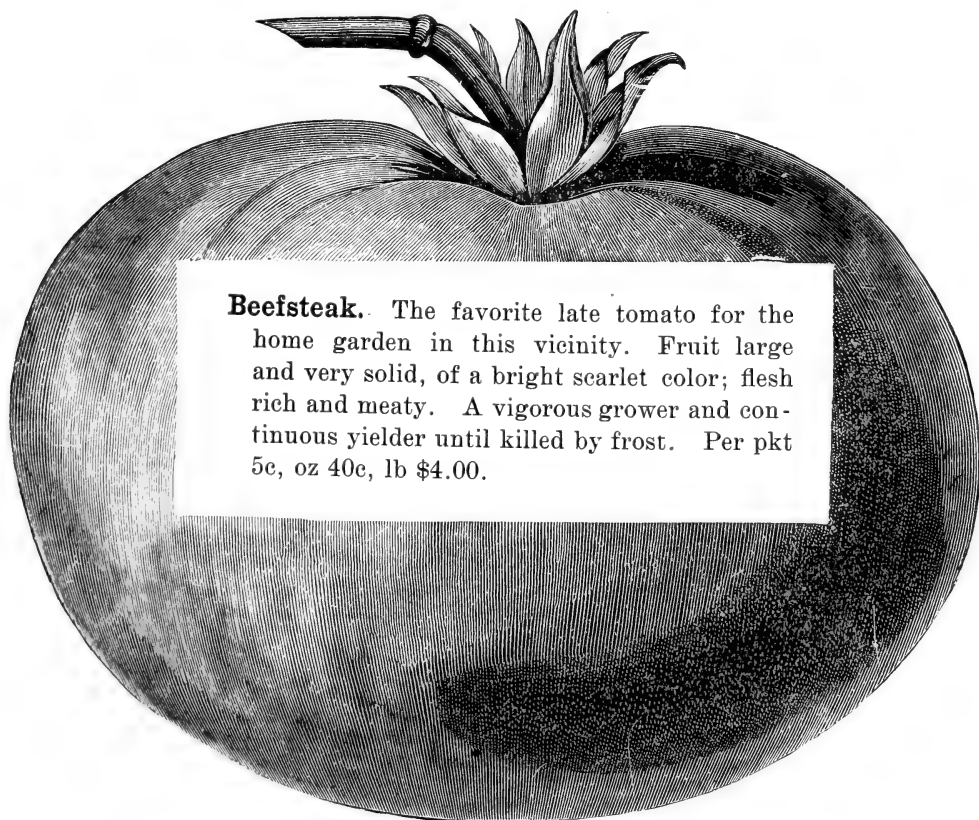


**Germain's Winter Queen.** A new tomato remarkable for its earliness and size. Of handsome shape, solid and of the finest quality, contains very few seeds and is one of the most productive sorts ever grown. Early tomatoes are one of the best paying crops that can be produced,



Germain's Winter Queen.

and we not only claim our Winter Queen to be the earliest but also to sell for more money on the market than any other variety. The fruit ripens clear to the stem and never cracks. Our stock is limited. Per pkt 20c, oz 60c,  $\frac{1}{4}$  lb \$2.00



**Beefsteak.** The favorite late tomato for the home garden in this vicinity. Fruit large and very solid, of a bright scarlet color; flesh rich and meaty. A vigorous grower and continuous yielder until killed by frost. Per pkt 5c, oz 40c, lb \$4.00.

**New Stone.** A splendid variety for shipping; bright scarlet; large, smooth and firm; excellent quality and one of the best for general use. Per pkt 5c, oz 25c, lb \$2.50.

**Dwarf Champion.** An early and distinct variety, medium in size, plant of dwarf and compact growth. Per pkt 5c, oz 30c, lb \$2.50.

**Trophy.** One of the best flavored sorts cultivated; fruit solid. Per pkt 5c, oz 20c, lb \$2.00.

**Ponderosa.** Grows to enormous size, sometimes weighing from 2 to 3 pounds each; very smooth and solid. Per pkt 10c, oz 40c, lb \$4.00.

**Strawberry, or Ground Cherry.** A distinct species; grows enclosed in a husk; excellent for preserves; will keep with husk all winter. Per pkt 10c, oz 35c, lb \$3.50.

We carry in stock the following varieties at the uniform price of per pkt 5c, oz 20c, lb \$2.00: Acme, Beauty, Perfection, Favorite, Atlantic Prize, Royal Red, etc.

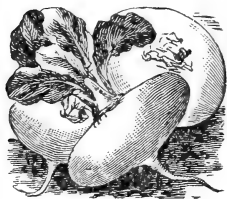
## TURNIP.

Nabo—Ruebe—Navet.

For early crops sow the Early White Flat Dutch or Munich during the winter; and for summer crops sow any of the other varieties at intervals of a fortnight until June, in drills 12 inches apart; cover the seed lightly unless the season be very dry; thin out the plants to 6 or 8 inches apart. For fall or winter use sow the Golden Ball, or Purple Top Strap-Leaf. Success in raising turnips depends greatly on the selection of soil, and its subsequent preparation as well as the quality of the seed.

**Early Purple Top Milan.** One of the earliest varieties. Per pkt 5c, oz 10c, lb 80c.

**Early White Egg.** An egg-shaped variety, for spring and fall sowing; flesh firm, fine grained, mild and sweet; an extra keeper, and in every respect a first-class table and market sort. Per pkt 5c, oz 10c, lb 60c.



Early White Flat Dutch.

**Early White Flat Dutch.** White flesh, medium size, quick growth. Per pkt 5c, oz 10c, lb 60c.

**Golden Ball.** Round, smooth, English turnip of fine quality; skin bright yellow; good keeper. Per pkt 5c, oz 10c, lb 60c.

**Purple Top Strap-Leaf.** Very productive, matures quickly, flesh white sweet. Per pkt 5c, oz 10c, lb 60c.



Purple Top Strap-Leaf.

**Purple Top White Globe.** Of decided merit, globular shape. Per pkt 5c, oz 10c, lb 60c.

## RUTA BAGA, OR SWEDISH TURNIP.

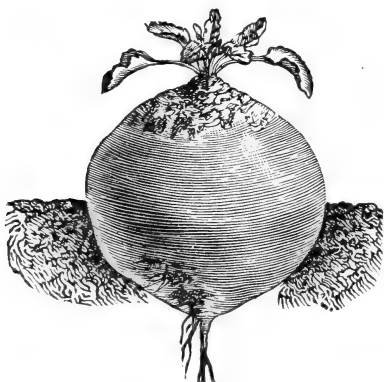
Extensively grown for a farm crop; also esteemed for table use, the roots are close-grained, very hard and will endure a considerable degree of cold without injury. Select light, clean soil and sow in drills 2 feet apart, and thin out to 10 or 12 inches in the row, 2 pounds of seed to the acre.

**Imperial Hardy Purple Top.** Large, handsome roots, of fine quality. Per pkt 5c, oz 10c, lb 40c.

**Improved Yellow Purple Top.** The old popular standard sort, both for stock feeding and table use; flesh yellow, solid and sweet. Per pkt 5c, oz 10c, lb 50c.


**Laing's Improved Purple Top.** Earliest variety; succeeds on rich, free soil. Per pkt 5c, oz 10c, lb 40c.

**Large White.** A very superior white-fleshed variety of large size and fine quality. Per pkt 5c, oz 10c, lb 50c.



Improved Purple Top Swede.

The following from the U. S. Department of Agriculture tersely states a pertinent truth. "The growing of seeds demands the nicest skill and the closest fellowship with plants. It is a business which demands much care and pains, and its promoters must be students. It is one of the most special and difficult of all operations.

 Write for Special Quotations on Large Quantities.

## CULINARY ROOTS AND PLANTS.

**Note.** When ordered to be sent by mail remit, in addition to price: for asparagus roots, 50c per 100, cabbage, cauliflower, celery, sweet potato, pepper, tomato plants and horseradish roots, 5c per dozen 35c per 100; rhubarb roots 5c each; egg plants, 15c per doz; hop vine roots, 2c each; chives, 3c, per clump.

**Asparagus.** One-year-old roots—per 100, \$1.00; 1,000, \$7.50.

**Cabbage Plants.** Early Winningstadt, Henderson's Early Summer, and Premium Flat Dutch. Per 100, 40c; 1,000, \$3 00.

**Cauliflower Plants.** Early Erfurt, Snowball and Large Algiers. Per 100, \$1 00, 1,000, \$7.50.

**Chives, or Schnittlauch.** For flavoring soups, salads, etc. Per clump 5c, doz 50c.

**Egg Plants.** New York Improved Large Round Purple; grown in pots. Per doz 75c.

**Hop Vine Roots.** Per doz 50c; 100 \$3.50.

**Horse-Radish Roots, or Sets.** Thrive best in low, damp land. Plant in rows 2 feet apart, and in the rows 18 inches apart. Per doz 15c; 100, \$1.00.

**Pepper Plants.** Chili, Large Bell or Bull Nose, Sweet Mountain, etc. Per doz 20c; 100, 75c.

**Rhubarb Roots.** Monarch and Victoria, strong roots. Each 10c, doz \$1.00; 100 \$7.50.

**Sweet Potato Plants.** Yellow Nansemond and Large White. Per 100 50c; 1,000, \$4.00.

**Tomato Plants.** Acme, Beauty, Favorite, New Stone, Perfection, Ponderosa, Trophy. Per doz 15c; 100, \$1.00.

## POT, SWEET AND MEDICINAL HERBS.

A well-assorted selection of the various kinds of herbs should have a place in every garden. Their value in seasoning and flavoring is well known and appreciated. Some kinds are aromatic, while others are used for medicinal purposes. Care should be taken to harvest on a dry day, just before they fully blossom. They may be sown in a sheltered, well prepared border, merely deep enough to cover the seeds. When the plants appear they should be thinned out to a foot apart. Water carefully with a fine rose watering pot, and keep the surface soil loose. A slight mulching of fine litter will be found beneficial the first summer. All can be supplied in pkts at 5c each; 50c per doz pkts.

**Angelica, Garden.** (*Archangelica officinalis*.) Used on account of its medicinal qualities. Per oz 35c.

**Anise.** (*Pimpinella anisum*.) Seeds and leaves are both aromatic and carminative. Official and medicinal. Per oz 10c.

**Balm.** (*Melissa officinalis*.) For making Balm Tea; valuable in case of fever. Per oz 50c.

**Basil, Sweet.** (*Ocimum basilicum*.) Culinary herb, used for flavoring soups, etc. Per oz 25c.

**Borage.** (*Borago officinalis*.) Used for salads; excellent for bees. Per oz 15c.

**Caraway.** (*Carum carvi*.) Principally cultivated for its seeds, which are used in confectionery and medicine. The under leaves are sometimes used for flavoring soups. Per oz 10c.

**Catnip.** (*Nepeta cataria*.) Has medicinal qualities. Per oz \$1.00.

**Coriander.** (*Coriandrus sativum*.) Seeds aromatic; used in confectionery. Per oz 10c.

**Cumin.** (*Cuminum cyminum*.) Leaves and seeds both used for flavoring. Per oz 10c.

**Dill.** (*Anethum graveolens*.) Seeds aromatic, much used to flavor pickles. Per oz 10c.

**Fennel, Sweet.** (*Foeniculum vulgare*.) Used for flavoring soups and salads. Per oz 10c.

**Horehound.** (*Marrubium vulgare*.) Valued highly as a remedy for coughs and pulmonary diseases. Per oz 30c.

**Hyssop.** (*Hyssopus officinalis*.) The leaves and flowers are dried and used medicinally. Per oz 25c.

**Lavender.** (*Lavendula vera*.) A well known, popular aromatic plant, used for distilling Lavender Water. Per oz 25c.

**Marjoram, Sweet.** (*Majorana hortensis*.) Used for seasoning. Per oz 25c.

**Rosemary.** (*Rosmarinus officinalis*.) An aromatic herb; the leaves are used for making hairwash. Per oz 40c.

**Rue.** (*Ruta graveolens*.) Used for medicinal purposes; also used as a remedy for roup in fowls. Per oz 25c.

**Saffron.** (*Carthamus tinctorius*.) Used medicinally, and in dyeing. Per oz 15c.

**Sage.** (*Salvia officinalis*.) Used in dressing and sauces. Per oz 20c.

**Savory, Summer.** (*Satureja hortensis*.) Used as a culinary herb; annual. Per oz 15c.

**Savory, Winter.** (*Satureja montana*.) Used as above; perennial. Per oz 50c.

**Tansy.** (*Tanacetum vulgare*.) Good for bitters and medicinal purposes. Per oz 30c.

**Thyme, Broad Leaved.** (*Thymus vulgaris*.) Used in soups, sauces and dressing. Per oz 30c.

**Wormwood.** (*Artemisia absinthium*.) Used for medicinal purposes. Per oz 25c.

# GRASSES AND CLOVERS.

If ordered by mail add 10c per lb for postage. When wanted in large quantities write us as the market is continually fluctuating. We are always pleased to submit samples and quote prices.

## CLOVER SEEDS.



Italian Crimson, or Scarlet Clover.

**Alfalfa, or Lucerne.** Strictly choice samples, dodder free. Per lb 20c. Write for prices on large lots.

**Turkestan Alfalfa.** Well adapted to dry soils; a great drouth resister and exceedingly hardy. Per lb 30c. Quantity prices given on application.

**Burr Clover.** (*Medicago maculata*). An excellent fodder plant for dry soils; 12 lbs to the acre. Cleaned seed, not in the burr, per lb 25c. Seed in burr, per lb 15c, 100 lbs market price.

**Italian Crimson or Scarlet Clover.** (*Trifolium incarnatum*). Used chiefly as a soil improver. Per lb 20c, 100 lbs \$14.00.

**Mammoth Red Clover, or Cow Grass.** (*Trifolium pratense perenne*). More vigorous grower than the common red. Per lb 20c.

**Red Clover.** Should be in all pasture mixtures. Per lb 20c.

**White Clover.** Excellent for lawns; can be sown alone or mixed with Blue Grass. Strictly fancy seed. Per lb 35c.

## GRASS SEEDS.

**Bromus Inermis.** Hardy, stands heat and cold well. Adapted for dry regions. Per lb 20c, 100 lbs \$15.00.

**Bermuda Grass.** (*Cynodon dactylon*). Of great value as a pasture grass in hot countries; also suitable for lawns, where Blue Grass fails. Per lb \$1.

**Red Top Grass.** (*Agrostis vulgaris*). Permanent grass for pasture or lawn. Per lb 20c 100 lbs \$15.00.



Perennial, or Australian Ryegrass.

**Italian Ryegrass.** (*Lolium Italicum*). A valuable grass for hay and pasture, especially under irrigation. Per lb 15c, 100 lbs \$9.00.

**Perennial, or Australian Ryegrass.** (*Lolium perenne*). Similar to the Italian in habit of growth but more permanent; good for lawns. Yields abundantly under irrigation. Per lb 15c, 100 lbs \$9.00.

**Kentucky Blue Grass, Fancy Clean.** (*Poa pratensis*). Our seed is direct from Kentucky and is absolutely pure and free from weeds. Per lb 25c, 5 lbs \$1.00, 100 lbs \$15.00.

**Orchard Grass.** Valuable for permanent pasture. Stands dry weather. Per lb 25c, 100 lbs market price.

**Timothy.** (*Phleum pratense*). Well suited for moist soils. Makes excellent hay. Per lb 10c, 100 lbs \$8.00.

 Write for Special Quotations on Large Quantities.

# MISCELLANEOUS FODDER PLANTS.

**German Millet.** A valuable fodder plant. Makes excellent hay. Sow 25 lbs to the acre. Per lb 10c, 100 lbs \$5 00.

**Hungarian Millet.** Will stand drouth and grow on ordinary soil. Per lb 10c, 100 lbs \$5.00.

**Common Millet.** Very early; abundant foliage. Per lb 10c, 100 lbs \$4.50.

**Italian Millet.** Grows larger than Hungarian. Per lb 10c, 100 lbs \$7.00.

**French White Imported.** Used to feed valuable birds. Per lb 15c, 100 lbs \$12.00.

**Egyptian Pearl Millet.** (*Penicillaria spicata*). An excellent fodder plant, attaining a height of 3 feet and over. Highly relished by cattle. Per lb 20c, 100 lbs \$10.00.

**Johnson Grass.** (*Sorghum Halepense*). Prefers a hot, dry climate. (Its sale is prohibited in this state). Sow 30 lbs to the acre. Per lb 15c, 100 lbs \$10.00.

**Maud's Wonder Forage Plant.** Of recent introduction. Pronounced by those who have grown it in this vicinity to be of inestimable value. Readily eaten by all cattle; enormous yield. Per oz 15c, lb \$1.00.




Maud's Wonder Forage Plant.

**Broom Corn.** (Improved Evergreen). This variety is more cultivated than any other, on account of the color and quality of its brush, which is of good length, fine and straight, and always green; it brings the highest market price; grows about 7 feet high. Per lb 10c, 100 lbs \$5.00.

**Broom Corn.** (Large California Golden). One of the most popular kinds for making brooms. Per lb 10c, 100 lbs \$5.00.

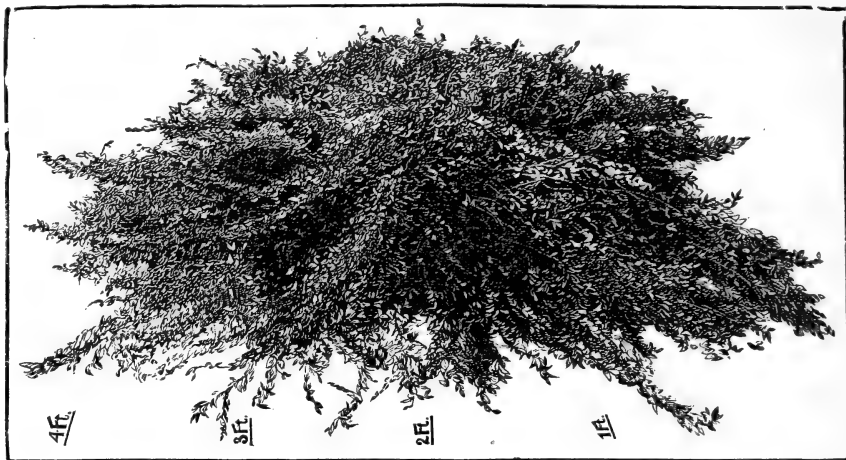
**Broom Corn.** (Dwarf). This variety grows about 4 feet high; extra fine for making brushes or whisks. Sow 12 lbs of broom corn seed of the above varieties to the acre. Per lb 10c, 100 lbs \$6.00.

German Millet.

 Write for Special Quotations on Large Quantities.



**Tagasaste, or Tree Alfalfa.** Grows in shrub form while its foliage resembles alfalfa. Excellent for hill pasture on account of its habit of growth and great drought resisting qualities. Per pkt 10c, oz 25c, lb \$2.50.



Australian Salt Bush,

**Afilaria.** (*Erodium cicutarium*). The seed is very scarce and hard to procure, owing to the difficulty in gathering it free from weeds. As to quality, it is one of the most nutritious of plants; cattle, sheep, horses and hogs alike prefer it to any other natural product of the plains. It makes the sweetest milk and butter, and the best meat of any of the natural fodder plants of this state. When nearly at maturity it is very fattening, and may be considered a strong, safe food for grazing animals. We heartily recommend it for use on the large stock grazing ranges of Arizona and New Mexico. Sow 20 lbs to the acre. Per lb \$1.00. Special prices given on large quantities.

**Australian Salt Bush.** (*Atriplex semibaccatum*.) The plants have a diffuse habit of growth, each one when fully developed covering an area of 3 or 4 feet. It is much relished by stock, and supplies the salt so necessary to their well-being. Its greatest recommendation, however, in the estimation of many farmers, is the fact that it will thrive better on alkali land than on any



Tagasaste or Tree Alfalfa,



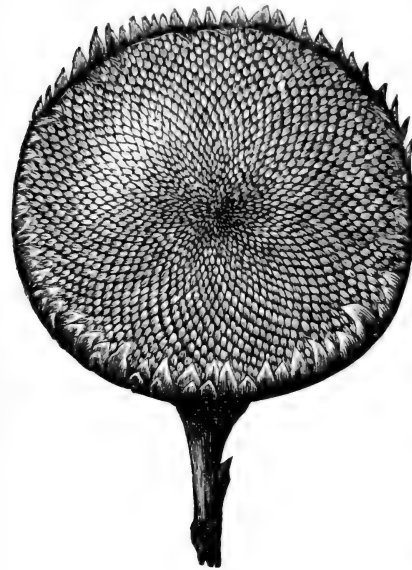
Jerusalem Corn.

other. Use 1 lb of seed to the acre if sown broadcast, or 4 ounces if transplanted. In cutting the fodder be careful not to injure the crowns of plants. Per oz 15c, lb \$1.50.

 Write for Special Quotations on Large Quantities.

**Australian Salt Bush, "Old Man."** A distinct species and quite different from the *Atriplex semibaccatum*. It succeeds on alkali land as well as, and withstands drouth better than the former kind, while on account of its erect growth (sometimes 15 feet high) it is easily cut. In its immense productiveness it is far ahead of the common kind, while its leaves are much larger. Plant in hills 6 feet apart each way, several seeds to a hill, thinning out to the two strongest plants. Per pkt 10c, oz 30c, lb \$3 00.

**Egyptian Rice Corn, or Brown Dhoura.** It is much sweeter than cornstalks, and cattle, horses and hogs will eat it ravenously. The seed is excellent for fowls. Culture same as corn. Sow 5 lbs to the acre. Per lb 5c, 100 lbs \$2.50.



Mammoth Russian Sunflower.

**Egyptian Corn.** White, similar to above. Per lb 5c, 100 lbs \$2.50

**Jerusalem Corn.** Fine for fodder. Per lb 5c, 100 lbs \$2.50.

**Kaffir Corn.** Grain is fine for chicken feed; stalks good for fodder. Per lb 5c, 100 lbs \$2.50.

**Milo Maize.** White, nearly as nutritious as corn. Per lb 5c, 100 lbs \$2.50.

**Rape, Dwarf Essex.** Cultivated for the tops—no roots; excellent cattle food, good for green manuring. Sow 8 to 10 lbs per acre. Per lb 15c, 100 lbs \$8.00.

**Soja Beans.** A substitute for coffee; a forage plant and a soil improver—30 lbs plants an acre. Per lb 10c, 100 lbs \$7 50.

**Sorghum, Early Amber.** Rich in fattening matter. Per lb 10c, 100 lbs \$4.00.

**Sorghum, Early Orange.** Similar to above. Per lb 10c, 100 lbs \$4 00.

**Sunflower, Mammoth Russian.** The sunflower is rapidly acquiring a reputation as a valuable farm crop. Its seeds are superior food for poultry (said to improve the meat), and it has been known to yield 40 bushels per acre. Per lb 10c, 100 lbs market price.

**Speltz, or Emmer.** A valuable substitute for oats and barley. It outyields oats, barley, wheat, etc., in bushels per acre and is superior to oats and barley for feed. It is a sure cropper.

It does not lodge or shell or waste; no rust, no smut; dry

weather affects it but little. The crop is always sound. The grain is sometimes used as wheat flour, but has been used mainly for feed. The heads resemble wheat very much. Per lb 10c, 100 lbs \$5.00.

**Teosinte.** (*Reana luxurians*.) Resembles corn, but leaves are much larger; very nutritious. Per oz 15c, lb \$1.50.

**Jerusalem Artichoke Roots.** An excellent hog food, said to prevent cholera; produces enormous crops. Cultivate same as potatoes. Price on application.

**Buckwheat, Common.** Buckwheat should be sown broadcast, at the rate of about 45 lbs to the acre. It is an excellent food for poultry, and is also a valuable plant for bees. Per lb 5c, 100 lbs \$4.00.

**Buckwheat, Silver Hull.** Is in bloom longer, matures sooner and yields better. The flour is said to be better and more nutritious. Excellent for bees. Per lb 10c, 100 lbs \$6.00.

**Buckwheat, Japanese.** A distinct variety, with grains nearly twice as large as those of the common kind. It is a very heavy cropper and less likely to blight than the other varieties. Per lb 10c, 100 lbs \$6.00.

**Castor Beans.** Much used for planting in chicken yards to afford temporary shade. Per lb 25c.

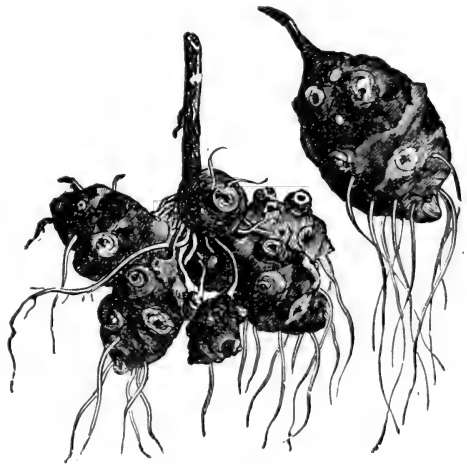
**Cotton, Sea Island.** Best variety. Per oz 10c, lb 50c.

**Cotton, Tenn. Upland.** Sow 25 lbs to the acre. Per oz 10c, lb 50c.

**Flax, or Linseed.** Best Riga. Per lb 10c.

**Hop Vine.** (*Humulus lupulus*.) Well known. Per pkt 10c, oz \$1.50.

**Pyrethrum Cinerariaefolium.** The plant from which is made the Persian insect powder in Europe, or "Buhach" as made in California. Per pkt 15c, oz \$1.00.



Jerusalem Artichoke.

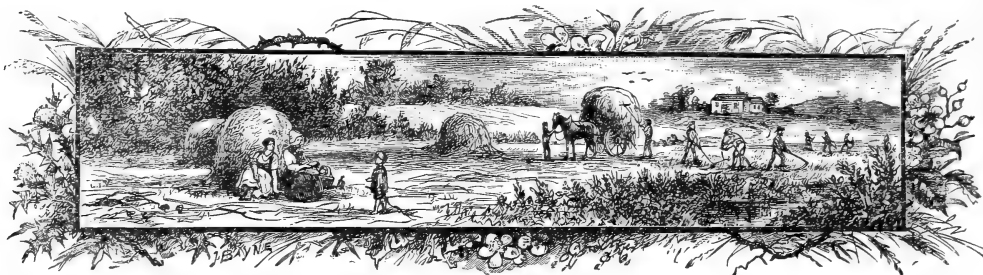
**Write for Special Quotations on Large Quantities.**

**Peanut.** This plant thrives and produces best on a light, sandy, tolerably fertile soil. It may be planted from March to May, in pods or shelled; it is best to drop about 4 in a hill on the level ground, the rows being laid off 3½ feet wide, and the hills 2 feet asunder; cover them 2 or 3 inches. When they come up, thin them to 2 in a hill. They will produce from 25 to 75 bushels per acre, according to soil and culture. Virginia, per lb 15c, 100 lbs market price. California grown, per lb 10c, 100 lbs market price.

### BIRD SEED.

If required by mail 10c per pound must be added to prepay postage.

	Per lb	3 lbs		Per lb	3 lbs
Mixed Bird Seed .....	10c	25c	Maw .....	20c	
Mixed Canary and Rape .....	10c	25c	Lettuce Seed, for birds .....	25c	
Canary .....	10c	25c	Cuttle Fish Bone .....	35c	
Hemp .....	10c	25c	Rice, unhulled .....	25c	
Millet, Italian .....	10c	25c	Millet, White French .....	15c	
Rape, German Sweet .....	10c	25c	Sunflower .....	10c	25c



### COW PEAS AND FIELD PEAS.

#### THE ORCHARDIST'S FRIEND.

The great soil rejuvenators; make poor land good and good land yield enormous crops. For years the cow pea has been grown in the south and has given splendid results. The cow pea, to a greater extent than any other leguminous plant, has the power to extract nitrogen or ammonia from the atmosphere and to store same in the vines and roots, so that even if the crop is cut off, the land is enriched and its condition improved. Being a vigorous grower and producing an abundance of vine, it makes a complete fertilizer when plowed under, and at a very moderate cost. To grow for hay they are very valuable, as they yield an immense quantity of feed of the best quality, and produce the crop in a short time. The bacon made from hogs fed on the dried peas is much sweeter and more solid, and the fat will not run out in cooking nearly so much as if fed on corn. **Sow 50 lbs to the acre.**

**New Era.** Very early, large growth of vine. Per lb 10c; 100 lbs, \$7.00.

**Whippoorwill.** A bunch-growing variety; a great favorite; brown speckled seed. Per lb 10c, 100 lbs \$3.50.

**Black Eye.** Used in some sections as food. Per lb 5c, 100 lbs \$3.50.

### FIELD PEAS.

Used extensively for plowing under in orchards, for fodder or for split peas. Sow broadcast 150 lbs to the acre or 80 lbs in drills.

**Blue Prussian.** A soil-improver; also good for cooking. Per lb 5c, 100 lbs \$3.50.

**Canada Field.** Valuable for stock or soiling. Per lb 5c, 100 lbs \$3.50.

**Vetches, or Tares.** Long used in England and European countries as fodder for milch cows; in fact, no dairyman there would be without them. Every dairyman should reserve a space on his ranch for this valuable forage plant; also excellent as a green manure. Sow in the early spring with oats, barley or rye, which help to support it, and greatly adds to its productiveness. When sown in conjunction with any of the above, 30 lbs is sufficient for an acre; if alone, 100 lbs is required. Per lb 10c, 100 lbs \$6.00.

**Vetch, Sand or Winter.** (*Vicia villosa*.) A valuable forage plant from Europe, and now in great demand here. It will thrive on the most barren soils and produce two cuttings during the season; also valuable for ploughing in as a green manure. It may be sown alone or together with rye. The latter method is preferable, as the vetches grow from 3½ to 5 feet, the rye will afford support for them. Sow from 65 to 90 lbs to the acre. Per lb 10c, 100 lbs \$7.50.

Reference Table Showing at a Glance the Best Time to Plant the Different Kinds of Seeds and Plants.

VARIETY.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Artichoke, Globe		S	S	S								
Asparagus — Seed		S	S	S								
Asparagus — Roots	P	P	P								P	P
Beet, Table varieties	S	S	S	S			S	S	S	S	S	S
Beans, Broad or English	S	S	S	S	S	S						
Beans, Dwarf or Bush		S	S	S	S	S	S					
Beans, Pole		S	S	S	S							
Broccoli	S	S					S	S	S	S	S	S
Brussels Sprouts	S	S					S	S	S	S	S	S
Cabbage, Early — Seeds	S	S	S					S				
Cabbage, Early — Plants		P	P	P	S				P	P	P	P
Cabbage, Late — Seeds			S	S	S	S						
Cabbage, Late — Plants					P	P	P					
Carrot	S	S	S	S	S			S	S	S	S	S
Cauliflower — Seeds	S	S	S	S			S	S	S	S	S	S
Cauliflower — Plants		P	P	P	P				P	P	P	
Cervil		S	S	S	S				S	S		
Chives	P	P	P	P					P	P	P	P
Collards		S	S	S	S							
Chicory		S	S	S	S							
Corn, Sweet			S	S	S	S						
Corn Salad	S	S	S	S	S	S		S	S	S	S	S
Cress	S	S	S	S	S	S	S	S	S	S	S	S
Cucumber				S	S	S						
Dandelion		S	S	S	S				S	S		
Egg Plant — Seeds			S	S	S	S						
Egg Plant — Plants				P	P	P	P					
Endive	S	S	S	S				S	S	S	S	S
Garlic — Sets	P	P	P	P				P	P	P	P	P
Horseradish — Sets	P	P	P	P							P	P
Kale	S	S	S				S	S	S	S	S	S
Kohl Rabi	S	S	S					S	S	S	S	S
Leek	S	S	S	S				S	S	S	S	S
Lettuce	S	S	S	S	S	S	S	S	S	S	S	S
Melons, Musk and Water			S	S	S	S						
Mustard	S	S	S	S	S	S	S	S	S	S	S	S
Okra			S	S	S	S						
Onion — Seeds		S	S	S	S			S	S	S	S	
Onion — Sets	P	P	P	P						P	P	P
Parsley	S	S	S	S				S	S	S	S	S
Parsnip	S	S	S	S				S	S	S	S	S
Peas	S	S	S	S	S	S	S	S	S	S	S	S
Pepper — Seeds			S	S	S	S						
Pepper — Plants				P	P	P	P					
Potato — Sets		P	P	P	P	P	P	P				
Potato, Sweet — Plants						P						
Pumpkin			S	S	S	S						
Radish	S	S	S	S	S	S	S	S	S	S	S	S
Rhubarb — Seeds		S	S	S								
Rhubarb — Roots	P	P	P								P	P
Salsify		S	S	S	S							
Spinach	S	S	S	S	S	S	S	S	S	S	S	S
Tobacco		S	S	S								
Tomato — Seeds	S	S		S	S							
Tomato — Plants			P	P	P	P						
Turnip		S	S	S	S	S	S	S	S	S		
Turnip, Swede or Ruta Baga		S	S	S	S	S	S					
Herbs			S	S	S				S			
AGRICULTURAL SEEDS.												
Beet, Sugar		S	S	S	S					S	S	
Beet, Mangel Wurzel, for stock		S	S	S	S					S	S	
Clover, Scarlet Italian								S	S	S	S	
Clover, Other sorts		S	S	S					S	S		
Grass, Bermuda				S	S	S			S			
Grass, Other sorts	S	S	S	S	S	S		S	S	S	S	S
Millet, German		S	S	S	S	S	S					
Sorghum or Sugar Cane			S	S	S	S	S					

## USEFUL TABLES FOR THE FARMER AND PLANTER.

## SOWING TABLE FOR THE GARDEN.

Quantity of seed required to produce a given number of plants, or to sow a given quantity ground.

Artichoke.....	1 oz to 500 plants	Melon, Water.....	1 oz to 30 hills
Asparagus.....	1 oz to 60 feet of drill, 500 plants	Melon, Musk.....	1 oz to 100 hills
Beans, Dwarf.....	1 lb to 50 ft of drill	Okra.....	1 oz to 50 ft of drill
Beans, Tall.....	1 lb to 75 hills	Onion Seed.....	1 oz to 100 ft of drill
Beet.....	1 oz to 50 ft of drill	Onion, Top Sets.....	1 lb to 60 ft of row
Broccoli.....	1 oz to 2000 plants	Onion, Bottom Sets.....	1 lb to 75 ft of row
Brussels Sprouts.....	1 oz to 2000 plants	Parsnip.....	1 oz to 100 ft of drill
Cabbage.....	1 oz to 2000 plants	Parsley.....	1 oz to 100 ft of drill
Carrot.....	1 oz to 150 ft of drill	Peas.....	1 lb to 50 ft of drill
Cauliflower.....	1 oz to 2000 plants	Pepper.....	1 oz to 1000 plants
Celery.....	1 oz to 5000 plants	Pumpkin.....	1 oz to 25 hills
Chicory.....	1 oz to 100 ft of drill	Radish.....	1 oz to 50 ft of drill
Corn.....	1 lb to 150 hills	Salsify.....	1 oz to 50 ft of drill
Cress.....	1 oz to 10 ft of drill	Sage.....	1 oz to 100 ft of drill
Cucumber.....	1 oz to 100 hills	Spinach.....	1 oz to 50 ft of drill
Egg Plant.....	1 oz to 2000 plants	Squash, Early.....	1 oz to 50 hills
Endive.....	1 oz to 3000 plants	Squash, Winter.....	1 oz to 15 hills
Kale.....	1 oz to 2000 plants	Tomato.....	1 oz to 3000 plants
Kohl Rabi.....	1 oz to 2000 plants	Tobacco.....	1 oz to 10,000 plants
Leek.....	1 oz to 100 ft of drill	Turnip, Early.....	1 oz to 75 ft of drill
Lettuce.....	1 oz to 5000 plants	Turnip, Rutabaga.....	1 oz to 100 ft of drill

## NUMBER OF TREES OR PLANTS TO AN ACRE.

Set at regular distances apart.

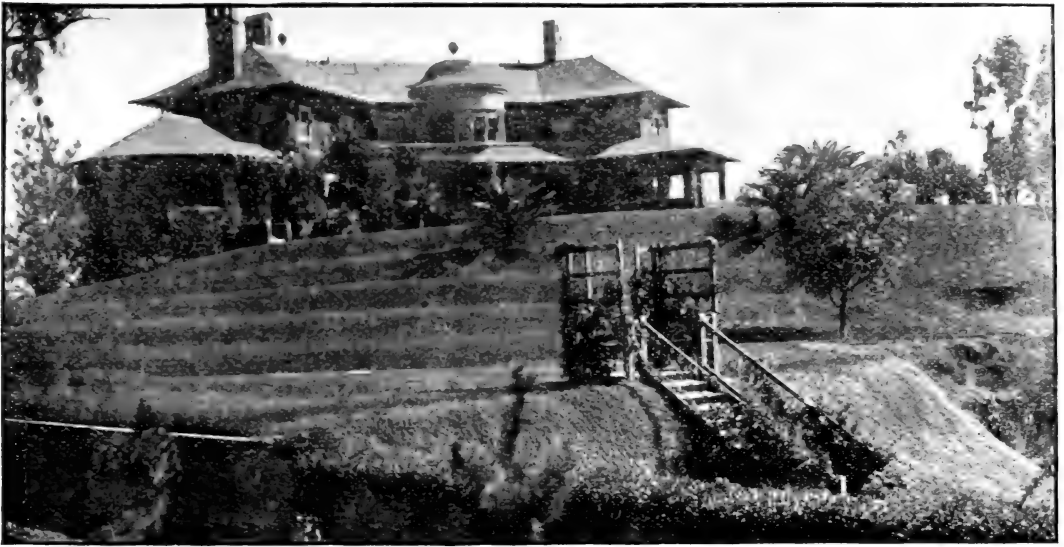
Distance Apart.	No. of Plants.	Distance Apart.	No. of Plants.	Distance Apart.	No. of Plants.
3 inches by 4 inches.....	522,720	4½ by 4½ feet.....	2,150	14 feet by 14 feet.....	222
4 inches by 4 inches.....	392,040	5 feet by 1 foot.....	8,712	15 feet by 15 feet.....	193
6 inches by 6 inches.....	174,240	5 feet by 2 feet.....	4,356	16 feet by 16 feet.....	170
1 foot by 1 foot.....	43,560	5 feet by 3 feet.....	2,904	16½ feet by 16½ feet.....	160
1½ feet by 1½ feet.....	19,360	5 feet by 4 feet.....	2,178	17 feet by 17 feet.....	150
2 feet by 1 foot.....	21,780	5 feet by 5 feet.....	1,742	18 feet by 18 feet.....	134
2 feet by 2 feet.....	10,890	5½ feet by 5½ feet.....	1,440	19 feet by 19 feet.....	120
2½ feet by 2½ feet.....	6,960	6 feet by 6 feet.....	1,200	20 feet by 20 feet.....	103
3 feet by 1 foot.....	14,520	6½ feet by 6½ feet.....	1,031	25 feet by 25 feet.....	69
3 feet by 2 feet.....	7,260	7 feet by 7 feet.....	888	30 feet by 30 feet.....	48
3 feet by 3 feet.....	4,840	8 feet by 8 feet.....	680	33 feet by 33 feet.....	40
3½ feet by 3½ feet.....	3,555	9 feet by 9 feet.....	537	40 feet by 40 feet.....	27
4 feet by 1 foot.....	10,890	10 feet by 10 feet.....	435	50 feet by 50 feet.....	17
4 feet by 2 feet.....	5,445	11 feet by 11 feet.....	360	60 feet by 60 feet.....	12
4 feet by 3 feet.....	3,630	12 feet by 12 feet.....	302	66 feet by 66 feet.....	10
4 feet by 4 feet.....	2,722	13 feet by 13 feet.....	257		

RULE.—Multiply the distance in feet between the rows, by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill; which divided into the number of square feet (43,560) will give the number of plants to the acre.

## SEED REQUIRED TO SOW AN ACRE OF GROUND.

	Lbs. to the Acre.		Lbs. to the Acre.
Alfalfa.....	25	Grass, Perennial or Australian Rye } (for lawn.)	75
Barley—broadcast.....	100	Grass, Italian Rye.....	30
Beans, Dwarf or Bush—hills.....	40	Grass, Red Top.....	30
Beans, Dwarf or Bush—drills.....	80	Grass, Timothy.....	20
Beans, Tall or Pole—hills.....	25	Grass, Hungarian.....	25
Beet, Garden.....	6	Millet.....	25
Beet, Sugar.....	15	Hemp—broadcast.....	40 to 50
Beet, Mangel Wurzel.....	6	Melon, Water—hills.....	2 to 3
Broom Corn—drills.....	12	Melon, Musk—hills.....	2
Buckwheat—broadcast.....	45	Oats—broadcast.....	80
Cabbage—in beds to cover an acre } after transplanting.....	14 to 12	Onions, for Dry Bulbs—drills.....	4
Carrot—drills.....	3	Onions, for Bottom Sets.....	30
Clover, Red, alone—broadcast.....	15	Parsnip—drills.....	5
Clover, White, alone—broadcast.....	10	Peas—drills.....	50 to 80
Clover, Alsike—broadcast.....	10	Peas—broadcast.....	150
Corn, Sweet or Field—hills.....	15	Potatoes—hills.....	500 to 600
Corn, to cut green for fodder—drills or } broadcast.....	125	Pumpkin—hills.....	3
Cucumber—hills.....	1 to 2	Radish—drills.....	12
Flax (when wanted for seed).....	30	Rye—broadcast.....	100
Flax (when wanted for fibre).....	50	Spinach—drills.....	12
Grass, Bermuda.....	10	Squash, Bush Varieties—hills.....	4
Grass, Crested Dogstail.....	25	Squash, Running Varieties—hills.....	3
Grass, Kentucky Blue (for pasture).....	50	Tomato—in beds to transplant.....	12
Grass, Kentucky Blue (for lawns).....	150	Turnip and Rutabaga—drills.....	2
Grass, Orchard.....	40	Turnip and Rutabaga—broadcast.....	3 to 4
Grass, Perennial or Australian Rye } (for meadow.)	40	Vetches—broadcast.....	100
		Wheat—broadcast.....	100
		Wheat—drills.....	75





Private Residence Showing a Lawn of our Sunny South Blue Grass.

## Hints on the Formation of Lawns.

In the first place see that the ground is thoroughly prepared. Dig or plow the ground to a depth of 8 inches. Afterwards harrow or rake carefully and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well rotted manure wherever necessary, then make level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 150 pounds to the acre (for Bluegrass) or 1 pound to 16 feet square. Rake seed in and roll, water regularly and carefully as the soil is liable to dry out in the heat of the day and if it does while the seed is germinating it will inevitably perish. When the grass is 3 inches high it should be cut and rolled and every week or so thereafter until the grass has become firm. Eradicate weeds wherever they appear, without disturbing the grass. Should bare spots appear rake the surface and sow more seed. The roller should be used frequently during the season and a dressing of stable manure or lawn fertilizer once a year is necessary to the maintenance of a good lawn.

Nothing adds quite so much beauty to the front yard as a well-kept lawn with possibly a strikingly individual palm or coniferous tree to lend variety to the scene. Remember we are headquarters for all kinds of trees and plants for lawn decoration.

**Kentucky Blue Grass.** The seed we offer is fancy cleaned, the purest grade obtainable. Per lb 25c, 5 lbs \$1, 100 lbs \$14.00.

**White Clover.** We offer strictly first-class seed, known to be clean and pure. Per lb 35c, 5 lbs \$1.50.

**Lippia.** The new lawn grass, see inside of back cover.

**Australian or Perennial Rye Grass.** Used extensively in some localities for lawns on account of its hardness. Per lb 15c, 10 lbs \$1.25.

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**LAWN FERTILIZER. OUR OWN BRAND. PER LB. 5c, 100 LBS. \$2.50**



Bed of Pansies, Penstemons and other Hardy Flowering Plants grown from Germain Seed.

## Flowers: Their Culture and Habits.

The use and growth of flowers, especially, marks the progress of individuals and nations, the greatest nations of the earth being those with whom the love of Floriculture most prevails. To the lover of flowers, what can be more interesting than to sow the seed, water, and otherwise care for the growth and development of the plant, and at last, enjoy the expansion of the flower? What does the sense of proprietorship of the purchaser of flowers, compare to that of the grower of them? The latter feels that they are verily his own, the results of his fostering care. Among the flowers which may be grown with a minimum amount of care and expense are those varieties which reproduce themselves from seeds. These are classed as Annuals, Biennials and Perennials, and these are subdivided into Hardy, Half Hardy and Tender varieties of each class. Hardy Annuals are those plants which may be sown in the open air. They grow, flower, produce seed and then die. Half Hardy Annuals are those varieties which require an even temperature of at least 60 degrees to germinate the seed, and will not stand frost; consequently, they must not be sown in the open ground during the fall or winter months, and not in spring till April. A good rule for those to follow who wish to sow this class is to wait for the proper weather and season in which to sow Corn, Melon or Pumpkin seeds.

Tender Annuals are those that require greenhouse protection, as *Calceolaria*, etc.; the seeds are usually very fine, and it requires skill and care to raise them.

Hardy Biennials are those that flower the second year from sowing the seed and then die.

Hardy Perennials are among the finest of our border plants. They do not usually flower till the second year after sowing, but may be relied upon to produce larger clumps of flowers year by year for many years. Half Hardy Perennials are those which require some protection during the coldest weather, as they will not stand frost. Tender Perennials are those species that require greenhouse or other protection during the greater part of the year, as they are, generally speaking, natives of tropical countries.

The best time to sow Hardy Annuals is in the fall months, as they will make much stronger plants, and flower much more abundantly when wintered over. They may be sown in any finely prepared shady border, and transplanted when large enough, to where they are to flower. Do not cover the seeds too deep. A good rule is to cover each seed its own depth with soil, at the same time taking care to water carefully. Never water so much that the soil gets "soggy," i.e., saturated; nor ever let the top get dry. Most varieties will germinate within ten days.

They may also be sown at any time during the spring months for summer blooming, care being taken to shade the young plants, after transplanting, in hot weather.

Half Hardy Annuals may be sown in April out of doors, or in boxes in March or earlier. If in boxes, they should be covered, or removed under cover during the night time, and during heavy rains. Those who have hot beds may sow the seed in February and grow the plants in 3-inch pots, for planting outdoors in April, thus gaining two months on those who have not this advantage. (See instructions for making hot beds, in Calendar of operations.) If sown in boxes, the boxes should have an inch of rough soil or gravel, at the bottom for drainage; the remainder of the box should be filled within an inch of the top with sifted, light, rich soil, firmly pressed, and the seed should be sown, covered its own depth with soil, again pressed and watered. When the young plants are large enough to be handled, prick out into other boxes, planting them about 1 inch apart, and, when weather permits, they should afterwards be planted in the open ground in the place where they are to flower.

Tender Annuals should be sown in pots as follows. Take a 5 or 6-inch flower pot, put an inch of drainage in the bottom, then two inches of finely sifted soil, firmly pressed, with a sprinkling of sand on top. Then sow the seed, and do not cover, but press it into the soil. Water with a very fine sprinkler, and cover the top of the pot with a sheet of glass. Remove the glass for an hour daily to dry up the damp. When seedlings appear, gradually harden them off to the air. As soon as they can be handled, prick out into 2-inch pots, and shift again when necessary.

Hardy Biennials and Perennials should be sown in September. Many varieties, if sown then, will flower the next year. If sown in spring they will not flower till a year later. They may be sown in a shady border, and when large enough, transplanted to where they are to remain.

Half Hardy and Tender Perennials should be sown in boxes, and treated as recommended for Half Hardy Annuals, till plants appear, when they should be pricked into 2-inch pots, and shifted afterwards when necessary.

We have arranged our list of flower seeds according to the various classes. Annuals, including separate lists of Everlasting Flowers, and Ornamental Gourds. Climbers, Annual and Perennial, Biennials and Perennials. Ornamental Grasses, Annual and Perennial.

ABBREVIATIONS: **hh** means Half Hardy, Annual or Perennial; **t** means Tender Annual or Perennial. When no abbreviation is used, the variety will prove hardy in this climate. The letter **b** affixed to a variety, means that it is useful for bouquets and cut flowers.

All 5c packets at \$0.50 per dozen.  
All 10c packets at 1.00 per dozen.  
All 15c packets at 1.50 per dozen.  
All 25c packets at 2.50 per dozen.

**Note.**—All orders for flower seeds in packets are sent out postage prepaid. For every one dollar order the purchaser is entitled to select seeds to the value of twenty-five cents.

## ANNUALS.

**Abronia Umbellata.** Delicate rose; ht  $\frac{1}{4}$  ft. 5c  
The "Sand" Verbena, beautiful native trailer.

**Adonis Flos.** Crimson, with black eye; ht 1 ft. 5c  
The "Pheasant's Eye," a beautiful, showy, free flowering plant.



*Ageratum Mexicanum*, Imp. Dwarf Blue.

**Ageratum Mexicanum.** (Imperial Dwarf Blue; ht  $\frac{3}{4}$  ft. 5c  
Imperial Dwarf White; ht  $\frac{3}{4}$  ft. 5c  
Fine for bedding or mixed borders.

**Alonso Warscewiczii.** Scarlet, very free blooming; ht 2 ft. 5c

**Alyssum, Sweet.** White; ht  $\frac{3}{4}$  ft. 5c  
Sweet. Compact dwarf, white; ht 1-3 ft. 5c  
Well known fragrant annuals. b.

**Amaranthus Melancholicus Ruber.** hh. Blood red; ht 1 ft. 5c  
**Salicifolius.** hh. (Fountain Plant.) Purple, crimson and gold; ht 3 ft. 5c  
**Tricolor.** hh. (Joseph's Coat.) Red, green and yellow; ht 1 ft. 5c  
The *Amaranthus* are splendid plants to give a tropical effect in mixed borders and shrubbery. Plant in sunny places and poor soil.

**Anagallis.** Mixed, various colors; ht  $\frac{1}{2}$  ft 5c  
The "Pimpernel," free blooming, attractive plant for borders.

**Argemone.** Mixed, white and yellow; ht 2 ft. 5c  
The "Mexican Poppy." Very showy.

**Arnebia Cornuta.** Yellow, spotted with black or maroon; ht  $1\frac{1}{4}$  ft. 15c  
The "Arabian Primrose." b.

**Aster.** American Branching. Crimson; ht  $1\frac{1}{2}$  ft. 10c  
American Branching. Flesh Pink; ht  $1\frac{1}{2}$  ft. 10c  
American Branching. Pink; ht  $1\frac{1}{2}$  ft. 10c  
American Branching. Lavender; ht  $1\frac{1}{2}$  ft. 10c  
American Branching. White; ht  $1\frac{1}{2}$  ft. 10c  
American Branching. Mixed; ht  $1\frac{1}{2}$  ft. 10c  
Betteridge's Quilled. Mixed; ht  $1\frac{1}{2}$  ft. 10c  
Cocardeau or Crown. White centers, mixed; ht  $1\frac{1}{2}$  ft. 10c



Lady Aster.

Dwarf Pyramidal Bouquet, mixed; ht  $\frac{3}{4}$  ft 10c  
Dwarf Chrysanthemum fl, mixed; ht 1 ft. 10c  
Giant Comet. Azure blue; ht 2 ft. 10c  
Giant Branching Comet. Carmine; ht 2 ft. 10c  
Giant Branching Comet. White; ht 2 ft. 10c  
Giant Branching Comet. Mixed; ht 2 ft. 10c  
Giant Emperor. Flowers 3 inches in diameter, mixed; ht  $1\frac{1}{2}$  ft. 10c

	Per pkt.
<b>Lady Aster.</b> Mixed, 1 ft.....	10c
Truffaut's Paeony-flowered perfection.	
Mixed; ht 1½ ft.....	10c
Truffaut's Paeony-flowered perfection.	
White; ht 1½ ft.....	10c
Victoria. Mixed; ht 1½ ft.....	10c
Victoria. White; ht 1½ ft.....	10c
Washington. Mixed; ht 1½ ft.....	10c

Well known useful plants; invaluable display in the garden and also for cut flowers. The American Branching and Giant Comet varieties are the favorites among florists. The Lady Aster is a new distinct class with very narrow leaves and remarkable free-flowering qualities, and is one of the finest for cutting purposes b.



*Celosia Cristata.* Glasgow Prize.

<b>Balsam.</b> hh. Double Rose-flowered. Mixed;	
ht 2 ft.....	10c
Camelia-flowered. Mixed; ht 2 ft.....	10c
Dwarf. Mixed; ht 1 ft.....	5c
Carnation-striped. Mixed; ht 2 ft.....	10c
Solferino. White, lilac and scarlet; ht	
2 ft.....	10c

Balsams or "Touch-me-nots," are among the finest of our annuals, either for garden or pot culture; we offer none but finest strains.

<b>Bartonia Aurea.</b> Yellow; ht 1 ft.....	5c
<b>Brachycome Iberidifolia.</b> Mixed; ht 1 ft..	5c
"Swan River Daisies." Free Blooming	
plants, with Cinceraria-like flowers. Na-	
tive of Western Australia.	

<b>Browallia Elata.</b> hh. Mixed; ht 1½ ft....	10c
<b>Cacalia Coccinea.</b> Scarlet; ht ½ ft.....	5c
"Flora's Paint Brush." b.	

<b>Calandrinia Umbellata.</b> Vivid crimson; ht	
¼ ft.....	5c
Portulaca-like plants, fond of sunshine,	
well suited for rock work.	

<b>Calceolaria Hybrida Superba.</b> t. Beauti-	
fully blotched, mottled and striped; ht	
1½ ft.....	50c

The seed we offer has been hybridized by the best cultivators, and is the most superb strain procurable. Sow in August.

	Per pkt.
<b>Calendula Officinalis.</b> "Meteor." Yellow	
striped and bordered orange; ht 1½....	5c
"Prince of Orange." ht ¾ ft.....	5c
"Pot Marigolds." Of easy culture.	

<b>Calliopsis Bicolor.</b> Yellow and brown; ht	
2 ft.....	5c
Coronata. Yellow, large flowered; ht 2 ft	5c
Fine Mixed. All colors; ht 2 ft.....	5c
Also called Coreopsis. b. (See perenn-	
nials.)	

<b>Candytuft.</b> Carter's Carmine; ht 1 ft....	10c
Empress. White.....	10c
Little Prince. White; ht ½ ft.....	10c
Purple; ht 1 ft.....	5c
Rocket. White; ht 1 ft.....	5c
White; ht ¾ ft.....	5c
White, fragrant; ht 1 ft.....	5c
Fine Mixed, all colors; ht 1 ft.....	5c
Good for bedding in masses. b.	

<b>Catchfly.</b> Fine mixed; ht 1 ft.....	5c
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<b>Celosia Cristata.</b> hh. Empress, dwarf.	
Crimson, splendid; ht ¾ ft.....	15c
Glasgow Prize (See Cut.) Crimson; ht	
1 ft.....	15c
Finest Mixed; ht ¾ to 1 ft.....	10c
<b>Pyramidalis.</b> Mixed; ht 2 ft.....	5c
Celosia Cristata is the Cockscomb. Ce-	
losia Pyramidalis is the feathered variety.	



*Centaurea Margaritae.*

<b>Centaurea Margaritae.</b> (See cut.) Large,	
pure white flowers, about 2½ inches in	
diameter, with edge and petals beauti-	
fully tubed and twisted; ht 1½ ft. b..	10c
<b>Chameleon.</b> Flowers similar in shape to	
C. Margaritae, but varying in color,	
from light yellow, or straw color, to	
pink and yellow, or light rose; ht 1½	
ft. b.....	10c
<b>Cyanus.</b> Emperor William. Sky Blue;	
ht 2 ft.....	5c
<b>Cyanus.</b> White; ht 2 ft.....	5c
<b>Cyanus.</b> Red; ht 2 ft.....	5c
<b>Cyanus.</b> Dark blue; ht 2 ft.....	5c
<b>Cyanus.</b> Mixed; ht 2 ft.....	5c

	Per pkt.
Moschata. White; ht 3 ft.....	5c
Moschata. Purple; ht 3 ft.....	5c
Suaveolens. Yellow; ht 1½ ft.....	5c
The last 3 mixed; ht 1½ to 3 ft.....	5c
The Cyanus varieties are the well-known Corn Flowers. b. The Moschata varieties and Suaveolens are the old-fashioned Sweet Sultans. b.	

**Centranthus.** Mixed, various colors. Showy annuals, with valerian-like flowers. b. ht 1 ft..... 5c

**Chrysanthemum Tricolor Album.** White; ht 2 ft ..... 5c  
**Tricolor Burrigeianum.** White with crimson ring; ht 2 ft..... 5c  
**Tricolor Double Mixed.** Various colors; ht 2 ft..... 5c  
**Tricolor W. E. Gladstone.** Rich crimson; ht 2 ft..... 5c  
**Coronarium.** Double white; ht 2 ft.... 5c  
**Coronarium.** Double yellow; ht 2 ft.... 5c  
 (See also perennials.) The annual Chrysanthemum is rapidly rising in favor, being showier than the Marguerite, and of diverse colors.



Collinsia Bicolor.

**Cineraria Hybrida.** t. Choice mixed; ht 1½ ft ..... 50c  
 (See also perennials.) Valuable winter and spring flowering pot plants for window or greenhouse culture.

**Clarkia Elegans.** Double rose; ht 1½ ft... 5c  
**Pulchella.** Purple; ht 1½ ft..... 5c  
**Pulchella.** Purple, double; ht 1½ ft.... 5c  
**Fine Mixed.** All kinds; ht 1½ ft..... 5c

**Clintonia Pulchella.** Blue, white and yellow; ht ½ ft..... 10c  
 Pretty for rock work.

**Collinsia Bicolor.** (See cut.) Purple and white; ht 1 ft..... 5c

**Convolvulus Minor.** Mixed colors. Dwarf Morning Glory; ht 1 ft..... 5c

**Corn Flower.** (See Centaurea.)

**Cosmos.** Pure white; ht 4 ft..... 5c  
**Pink;** ht 4 ft..... 5c  
**Fine Mixed;** ht 4 ft..... 5c  
**Mammoth Perfection.** White; ht - ft.. 10c  
**Mammoth Perfection.** Crimson; ht 4 ft.. 10c  
**Mammoth Perfection.** Pink; ht 4 ft.... 10c  
**Mammoth Perfection.** Mixed; ht 4 ft... 10c  
 Showy flowers of easy cultivation. b.

**Cosmidium Burrigeianum.** Maroon and yellow, resembling Calliopsis. b. ht 2 ft. 5c

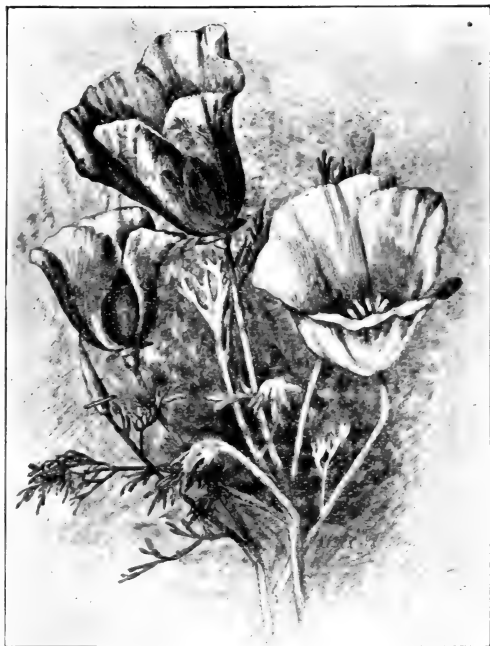


Cosmos.

**Datura Huberiana.** hh. Double mixed; ht 3 ft ..... 10c

**Echium Creticum.** "Vipers' Bugloss." Scarlet; ht 3 ft..... 10c

**Eschscholtzia Californica.** Yellow; ht 1 ft 5c  
**"Golden West."** Canary yellow and orange; ht 1 ft..... 10c  
**White and carmine;** ht 1 ft..... 10c  
**Orange;** ht 1 ft..... 5c  
**Orange, double;** ht 1 ft..... 10c  
**White;** ht 1 ft..... 5c  
**White, double;** ht 1 ft..... 10c  
**Rose Cardinal.** Rose; ht 1 ft..... 10c  
**Mandarin.** Orange and Mandarin red; ht 1 ft ..... 10c



Eschscholtzia Californica. California Poppy.

Per pkt.

Fine mixed, all sorts; ht 1 ft..... 5c  
 The well-known "California Poppy." The "Golden West" is a new variety, producing very large flowers, of a light canary yellow color, with an orange blotch at the base of each petal, forming a maltese cross in the center of the flower.

**Eutoca.** Mixed. Various colors; ht ½ ft. b. 5c

**Fenzlia Dianthiflora.** Pink and white; ht ¼ ft ..... 15c

**Gaura Lindheimeria.** Rosy white; ht 3 ft.. 10c  
 Fine for masses or mixed borders.

**Gilia Tricolor.** Violet, yellow and white; ht 1 ft..... 5c  
 Dwarf sorts. Mixed; ht ½ ft..... 5c



Mignonette.

**Godetia.** Duchess of Albany. Large white; ht 1½ ft..... 5c  
 Gloriosa. Dark blood red, with satin lustre; ht ¾ ft..... 5c  
 Lady Albemarle. Dark crimson; ht 1½ ft 5c  
 Rubicunda Splendens. Red; ht 1½ ft... 5c  
 Amoena. Dark rose, native variety; ht 1½ ft ..... 5c  
 The Bride. Crimson and white; ht 1½ ft 5c  
 Finest Mixed; ht 1½ ft..... 5c  
 Splendid, profuse blooming annuals for borders and groups.

**Gysophila.** Elegans. Rosy white; ht 1½ ft 5c  
 Very graceful. b. (See Perennials.)

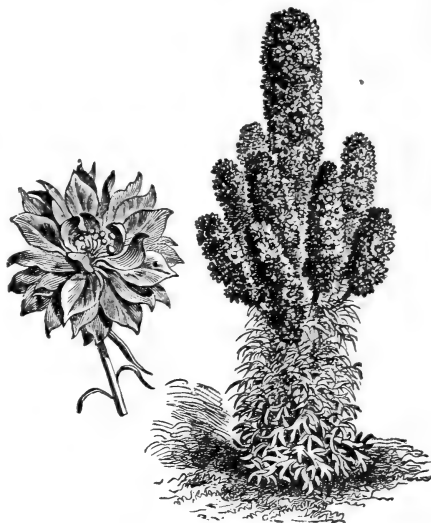
**Helianthus Californicus.** Double; ht 6 ft.. 5c  
 Globosus Fistulosus. Double quilled; ht 6 ft ..... 5c  
 Nanus. Dwarf, double; ht 3 ft..... 5c  
 Ornamental double varieties of the well-known Sunflower, good for backgrounds.

**Hibiscus Africanus.** Yellow with dark center; ht 2 ft..... 5c  
 (See also Perennials.)

**Ice Plant.** (Mesembryanthemum Crystallinum.) White, trailer..... 5c

Per pkt.

**Kaulfussia Amelloides.** Mixed; ht 1 ft... 5c  
 "Cape Marguerite." b.



Larkspur. Dwarf Rocket.

**Larkspur.** Dwarf Rocket. (See cut.) Mixed; ht 2 ft..... 5c  
 Emperor. Azure blue; ht 2½ ft..... 5c  
 Emperor. Rose; ht 2½ ft..... 5c  
 Tall Stock-flowered. Mixed; ht 2½ ft.. 5c

**Lavatera Trimestris.** Red; ht 2½ ft..... 5c

**Leptosiphon Hybridus.** Mixed; ht 1-3 ft.. 5c

**Limnanthes Douglasii.** Yellow; ht 1-3 ft.. 5c  
 Sometimes called "Yellow Nemophila."

**Linum Grandiflorum Rubrum.** Crimson; ht 1 ft ..... 5c  
 "Crimson Flax." Unsurpassed for brilliancy and duration of bloom.

**Lobelia Erinus Erecta.** Blue; ht ½ ft..... 10c  
 Crystal Palace Compacta. Dark blue; ht 1-3 ft ..... 10c  
 "Emperor William." Light blue, compact; ht 1-3 ft ..... 10c  
 Pretty plants for edging or hanging baskets. (See perennials.)



Marig 11. French.

**Love Lies Bleeding.** Crimson; ht 2 ft.... 5c  
 (Amaranthus Caudatus.)

**Lupinus.** Mixed annual varieties. b. ht 2 to 3 ft..... 5c  
 Nanus. Dwarf; blue; ht ½ ft..... 5c  
 (See also Perennials.)



	Per pkt.
<b>Malope Grandiflora Purpurea.</b> Reddish purple; ht 2 ft.....	5c
<b>Marigold.. African.</b> Lemon colored; ht 2 ft.....	5c
African. Orange; ht 2 ft.....	5c
African. Mixed; ht 2 ft.....	5c
French, Dwarf. Orange; ht 1 ft.....	5c
<b>Marigold. French, Dwarf.</b> Striped; ht 1 ft.....	5c
French, Legion of Honor. Golden yellow, marked with velvety brown; ht $\frac{3}{4}$ ft....	5c
French, Tall. Striped; ht 2 ft.....	5c
French. Mixed; (See cut page 58); ht 1 ft.....	5c
Favorite showy plants for mixed borders. (See also Calendula.)	
<b>Matthiola Bicornis.</b> Purple; ht $\frac{1}{2}$ ft.....	5c
The Night-scented stock. - Fragrant.	
<b>Mesembryanthemum Tricolor.</b> Purple, rose and white; trailer.....	5c
"Dew Plant," for edge or rock work.	
<b>Mignonette, Sweet.</b> (See cut.) Greenish white; ht $\frac{1}{2}$ ft.....	5c
Large flowering, greenish white; ht $\frac{3}{4}$ ft....	5c
Allen's Defiance. The best variety for forcing; ht 1 ft.....	10c
Golden Queen; ht 1 ft.....	10c
Machet. Fine for pot culture; ht 1 ft....	10c
Miles' Hybrid Spiral. Very large spikes; ht 1 ft.....	10c
Parson's White. Fine long spikes; ht 1 ft.....	10c
Victoria. Red, very fine; ht 1 ft.....	10c
The last six kinds are extra fine. b.	



Nasturtium. Crimson.

<b>Nasturtium, Tom Thumb.</b> Chameleon. A new variety, producing flowers of different colors on the same plant; ht 1 ft.....	10c
Cloth of Gold. Light scarlet, yellow foliage; ht 1 ft.....	5c
Dark Crimson. (See cut); ht 1 ft.....	5c
Empress of India. Dark leaves and crimson flowers; ht $\frac{3}{4}$ ft.....	10c
Golden King. Dark foliage; ht 1 ft.....	5c
King of Tom Thumbs. Dark foliage; scarlet flowers; ht 1 ft.....	5c
King Theodore. Nearly black; ht 1 ft....	10c
Ladybird. Orange yellow, red spots; ht 1 ft.....	10c
Pearl. White; ht 1 ft.....	5c

	Per pkt.
<b>Ruby King.</b> Light ruby red; ht 1 ft....	10c
Scarlet; ht 1 ft.....	5c
Yellow; ht 1 ft.....	5c
Finest Mixed; ht 1 ft.....	5c
Lilliput. A new and distinct class, in every respect smaller than the Tom Thumbs. Flowers of various colors; ht $\frac{1}{2}$ ft.....	10c
(For Tall Nasturtiums, see Climbing Plants.)	
<b>Nemophila Insignis.</b> Beautiful sky blue, "Baby Blue Eyes;" ht $\frac{1}{2}$ ft.....	5c
Maculata. Large, white with purple blotch; ht $\frac{1}{2}$ ft.....	5c
Fine mixed; ht $\frac{1}{2}$ ft.....	5c
"Love Grove." Charming California annuals for borders.	



Phlox Drummondii. Large Flowering.

<b>Nicotiana affinis.</b> Ornamental Tobacco, white and fragrant; ht 3 ft.....	10c
<b>Nigella Damascena.</b> Double, lavender blue; ht 1 ft.....	5c
"Love in a Mist" or "Devil in the Bush." Singular flowers, the upper petals being reflexed to resemble horns. b.	
<b>Nolana.</b> Fine mixed; trailer.....	5c
<b>Oxyura Chrysanthemoides.</b> Yellow and white; ht 1 ft.....	5c
<b>Pansy.</b> (See list of Perennials.)	
<b>Perilla Nankinensis.</b> hh. Very dark leaves, ht $1\frac{1}{2}$ ft.....	5c
<b>Phlox Drummondii.</b> White; ht 1 ft.....	10c
Double White; ht 1 ft.....	15c
Double Yellow; ht 1 ft.....	15c
Bright Scarlet; ht 1 ft.....	10c
<b>Phlox Drummondii.</b> Red, with white eye; ht 1 ft.....	10c
Rose, striped white; ht 1 ft.....	10c
Pink; ht 1 ft.....	10c
Fine mixed; ht 1 ft.....	5c
Large flowering, fine mixed; ht 1 ft.....	10c
Very dwarf, Fireball, brilliant scarlet; ht $\frac{1}{2}$ ft.....	10c
Very dwarf, extra fine, mixed; ht $\frac{1}{2}$ ft....	10c
Cuspidata. "Star Phlox," mixed; ht 1 ft.....	10c
Well-known showy plants for bedding.	

	Per pkt.
<b>Platystemon Californicus "Cream Cups."</b>	
Yellow; ht $\frac{3}{4}$ ft.....	5c
<b>Poppy.</b> Carnation, double white; ht 2 to 3 ft .....	5c
Carnation, double mixed; ht 2 to 3 ft....	5c
Danebrog. Scarlet, blotched white; ht 2 ft .....	5c
French, or Ranunculus-fl'd. Mixed; ht 2 ft .....	5c
Mikado. White and crimson, double fringed .....	5c
Paeony-flowered, fine mixed; ht 2 to 3 ft..	5c



Shirley Poppy.

Shirley, mixed; a distant race, fine; ht 2 ft .....	5c
Shirley, Dwarf. 18 in. high. Rose, chamois, scarlet and salmon.....	10c
Tulip. (Papaver glaucum.) Scarlet. (See cut.) ht $1\frac{1}{4}$ ft.....	10c
Umbrosum. Scarlet crimson; ht $1\frac{1}{2}$ ft..	10c
(See also list of Perennials.)	
<b>Portulaca.</b> Single. Yellow; ht $\frac{1}{2}$ ft.....	5c
Single. White; ht $\frac{1}{2}$ ft.....	5c
Single. Scarlet; ht $\frac{1}{2}$ ft.....	5c
Single. Crimson; ht $\frac{1}{2}$ ft.....	5c
Single. Mixed; ht $\frac{1}{2}$ ft.....	5c
Double. White; ht $\frac{1}{2}$ ft.....	10c
Double. Golden; ht $\frac{1}{2}$ ft.....	10c
Double. Pink; ht $\frac{1}{2}$ ft.....	10c
Double. Scarlet; ht $\frac{1}{2}$ ft.....	10c
Double. Mixed, finest quality; ht $\frac{1}{2}$ ft.	10c

For exhibiting a display of dazzling brilliancy the Portulaca is unrivaled. It revels in sunshine, and will stand quite a degree of drought.

	Per pkt.
<b>Ricinus Cambodgensis.</b> Leaves and stems nearly black, very fine; ht 5 ft.....	5c
Sanguineus. Blood red foliage; ht 6 ft..	5c
Ornamental Castor Beans.	



Tulip Poppy.

<b>Salpiglossis.</b> hh. Finest tall mixed; ht $1\frac{1}{2}$ ft .....	10c
Flowers are somewhat like Petunias, with veined, velvety surface. b.	
<b>Sanvitalia Procumbens.</b> Single yellow; trailer .....	5c
Double Yellow; trailer.....	5c
Profuse blooming trailing plants for beds, rock work, etc. Sometimes called the "Trailing Sunflower."	
<b>Saponaria Calabrica.</b> Pink; ht $\frac{1}{2}$ ft.....	5c
The Calabrian Pink or "Soapwort."	
<b>Scabiosa.</b> Tall, double mixed; ht 2 ft.....	5c
Dwarf, double mixed; ht 1 ft.....	5c
"Morning Bride." A well-known border plant, free-blooming and fragrant. b.	
<b>Schizanthus Pinnatus.</b> Blue; ht $1\frac{1}{2}$ ft....	5c
Grahami. Lilac and yellow; ht $1\frac{1}{2}$ ft...	5c
Finest mixed; ht $1\frac{1}{2}$ ft.....	5c
Of much interest and beauty, the flowers being beautifully marked, after the style of some orchids.	
<b>Senecio, or Jacobea.</b> Double mixed; ht 1 ft	10c
"American Groundsel." Showy flowers, succeeding well in any soil. b.	
<b>Silene Pendula Compacta.</b> Red; ht $\frac{3}{4}$ ft...	5c
Compacta, double red; ht $\frac{3}{4}$ ft.....	5c
Fine for bedding or edging.	
<b>Statice Suworowi.</b> Bright rose, large spikes, b. ht $1\frac{1}{2}$ ft.....	10c
(See also Perennials.)	

		Per pkt.
<b>Stocks, Ten Weeks.</b>		
Large Flowered.	Crimson; ht 1 ft.....	10c
Large Flowered.	Rose; ht 1 ft.....	10c
Large Flowered.	Flesh color; ht 1 ft....	10c
Large Flowered.	Light blue; ht 1 ft....	10c
Large Flowered.	White; ht 1 ft.....	10c
Large Flowered.	Finest mixed; ht 1 ft..	10c
Giant Perfection.	Fiery crimson; ht 2 ft	15c
Giant Perfection.	Flesh color; ht 2 ft...	15c

Per pkt.  
 Wallflower Leaved Snowflake. Pure white; ht 1 ft..... 15c  
 Wallflower Leaved. Finest mixed; ht 1 ft 15c  
 (For Intermediate, Brompton and other Stocks see Perennials.) Stocks offered above are the finest obtainable. The seed is saved from pot grown plants, and may be relied upon to produce nearly all double flowers. The Princess Alice and Giant Perfection varieties are the



A Field of our Giant Perfection Ten Weeks' Stocks, near Los Angeles. Taken especially for us.

Giant Perfection.	Rose; ht 2 ft.....	15c
Giant Perfection.	Light blue; ht 2 ft..	15c
Giant Perfection.	Dark blue; ht 2 ft....	15c

finest for cutting purposes  
**Sunflower.** See Helianthus.  
**Sweet Sultan.** See Centaurea.  
**Sweet Peas.** See list of climbers.



*Torenia Fournieri.*

Giant Perfection.	White; ht 2 ft.....	15c
Giant Perfection.	Mixed; ht 2 ft.....	10c
Princess Alice.	(Cut and come again.)	
	White; ht 1½ ft.....	10c



Stocks. Large Flowered.

**Tagetes Signata Pumila.** Yellow, striped brown, fine for bedding; ht ¾ ft..... 5c  
**Torenia Fournieri. t.** (See cut.) Violet with lilac and yellow; ht ¾ ft..... 15c  
 A valuable plant for pots, baskets or borders.  
**Venus' Looking Glass.** Blue; ht ¾ ft.... 5c  
 Pretty bell-shaped flowers, blooming profusely, well adapted for edgings and hanging baskets.

	Per pkt.
<b>Venus' Navelwort.</b> White; ht. 1 ft.....	5c
Virginian Stock. Red; ht ½ ft.....	5c
Virginian Stock. White; ht ½ ft.....	5c
Virginian Stock. Mixed; ht ½ ft.....	5c
<b>Viscaria Coelirosea.</b> "Rose of Heaven,"	
pink; ht ¾ ft .....	5c
<b>Elegans Picta.</b> Rose and scarlet; ht 1 ft	5c
<b>Oculata.</b> Rose, dark eye; ht 1 ft.....	5c

	Per pkt.
<b>Whitlavia Grandiflora.</b> Violet; ht ½ ft....	5c
<b>Gloxonioides.</b> White and blue; ht 1½ ft	5c
<b>Zinnia.</b> Finest double mixed; ht 2 ft.....	5c
Dwarf. double mixed; ht 1 ft.....	5c
<b>Mammoth.</b> Double mixed; ht 3 ft.....	10c
<b>Haageana, fl. pl.</b> Double, yellow; ht 1 ft	10c
<b>"Youth and Old Age."</b> Of great beauty	
and variety of color. b.	

## SEEDS OF EVERLASTING FLOWERS.

These are greatly admired and highly prized for winter bouquets. They should be cut when partially expanded, and hung with the heads downward until thoroughly dry.

<b>Acroclinium.</b> Single, white; ht 1 ft.....	5c
Pink; ht 1 ft.....	5c
Mixed; ht 1 ft.....	5c
Double, white, 50 per cent double flow- ers; ht 1 ft.....	10c

<b>Gnaphalium Leontopodium.</b> White; ht ½ ft 15c
The true "Alpine Edelweiss."



Acroclinium, Double Pink.

<b>Acroclinium.</b> Double, pink. (See cut.) 50 per cnt double flowers; ht 1 ft.....	10c
<b>Ammobium Alatum.</b> White; ht 1 ft.....	5c
<b>Globe Armaranthus.</b> Purple; ht 1 ft.....	5c
White; ht 1 ft .....	5c
Fine mixed; ht 1 ft.....	5c



Helichrysum. Double.

<b>Helichrysum.</b> (Straw Flower.) Tall, double pink; ht 2 ft.....	10c
Tall, double, white; ht 2 ft.....	10c
Tall, double, mixed (see cut); ht 2 ft..	10c
<b>Rhodanthe.</b> Mixed; ht 1 ft.....	10c
<b>Xeranthemum.</b> Double, mixed; ht 2 ft.....	5c

## ORNAMENTAL GOURDS AND CUCURBITACEAE.

<b>Abobra Viridiflora.</b> Greenish flowers; a tu- berous perennial gourd, with pretty scarlet fruits; ht 6 ft.....	10c
<b>Bryonopsis Laciniosa Erythrocarpa.</b> Very ornamental, with pleasing cut foliage, and bright, colored fruits; ht 5 ft....	10c
<b>Cucumber Snake.</b> (Cucumis flexuosus); ht 6 ft .....	10c
Wild. Very curious; ht 4 ft.....	10c
<b>Gourd.</b> Bottle-shaped. White flowers; ht 10 ft. ....	10c
Calabash-shaped; ht 10 ft.....	10c
Dipper; ht 10 ft.....	5c
<b>Dish Rag.</b> When properly prepared this is very serviceable in many ways; ht 6 ft .....	10c

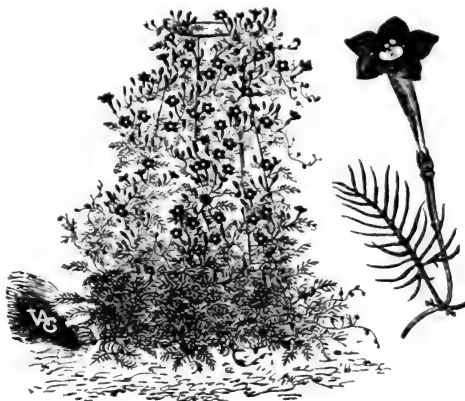
Egg-shaped "Nest Egg;" ht 10 ft.....	5c
Gooseberry, smallest; ht 10 ft.....	10c
<b>Hercules' Club.</b> Fruits 7 to 8 ft in length; ht 15 ft.....	5c
Orange-shaped. (Mock Orange); ht 15 ft	10c
Pear-shaped; ht 10 ft.....	10c
<b>Serpent.</b> (Trichosanthes Colubrina.) Very long and coiled; ht 10 ft.....	10c
<b>Sugar Trough.</b> Enormous, holding several gallons; ht 15 ft.....	5c
<b>Momordica Balsamina.</b> "Balsam Apple;" ht 6 ft.....	10c
<b>Charantia.</b> "Balsam Pear;" ht 5 ft....	10c
The Momordicas are very handsome. The fruits burst when ripe, exposing the bright orange-scarlet interior, which resembles a handsome flower.	
<b>Ornamental Gourds.</b> Finest mixed kinds..	5c

## SEEDS OF CLIMBING PLANTS.

a.—Annual. p.—Perennial.

	Per pkt.
<b>Adlumnia Cirrhosa.</b> p. Pink; ht 8 ft.... 10c The graceful "Allegheny Vine," also called "Mountain Fringe."	
<b>Ampelopsis Quinquefolia.</b> p. Good foliage; ht 50 ft.... 10c	
<b>Veitchii.</b> p. (Japan Ivy); ht 50 ft.... 10c	
The well known "Virginia Creeper."	
<b>Antigonon Leptopus.</b> p. Rose..... 15c One of the most elegant climbers known. Native of Mexico. (Rosa de Montana.)	
<b>Aristolochia Elegans.</b> hhp. Chocolate and purple; ht 30 ft.... 10c	
<b>Sipho.</b> p. Yellow and brown; ht 40 ft 10c The latter is called the "Dutchman's Pipe" Very odd looking and interesting.	
<b>Australian Pea Vine.</b> See <i>Dolichos lignosus</i> .	
<b>Balloon Vine.</b> hha. White and green; ht 8 ft.... 5c Bears a pretty inflated capsule.	
<b>Bignonia Radicans.</b> p. Orange scarlet; ht 15 ft.... 10c	
<b>Stans.</b> (Tecoma.) p. Orange; distinct foliage; ht 10 ft.... 10c	
<b>Tweediana.</b> p. Bright yellow; trumpet vine. Evergreen; ht 20ft.... 10c	
"Trumpet Vines," sometimes classed with Tecomas, robust, hardy climbers. Very ornamental.	
<b>Canary Bird Flower.</b> hha. Yellow; ht 8 ft 10c ( <i>Tropaeolum Peregrinum</i> .) A charming annual vine, with delicate foliage.	
<b>Clematis Flammula.</b> p. White; ht 10 ft.. 10c	
<b>Viticella.</b> p. Purple; ht 10 ft.... 10c	
<b>Jackman's New Hybrids.</b> p. Mixed; 10 ft.... 25c	
The "Virgin's Bower," well-known profuse blooming climbers. The seed requires several months to germinate.	
<b>Clianthus Puniceus.</b> p. Bright scarlet; ht 6 ft.... 15c	
"New Zealand Glory Pea." A very handsome climber.	
<b>Clitoria Ternatea.</b> hhp. Blue; ht 6 ft.... 15c	
<b>Cobaea Scandens.</b> p. Purple; ht 20 ft.... 10c	
<b>Alba.</b> p. White; ht 20 ft.... 10c	
<b>Macrostemma.</b> p. Yellowish green, tipped with violet; stamens of enormous length; ht 15 ft.... 15c	
Rapid-growing climbers, with bell-shaped flowers.	
<b>Convolvulus Major.</b> a. Blue; ht 10 ft.... 5c	
Crimson; ht 10 ft.... 5c	
Pink; ht 10 ft.... 5c	
Striped; ht 10 ft.... 5c	
White; ht 10 ft.... 5c	
Mixed; ht 10 ft.... 5c	
Double. White, veined purple; ht 10 ft 10c	
<b>Aureus Superbus.</b> Yellow. Very fine and rare; ht 8 ft.... 15c	
The well-known "Morning Glories."	
<b>Cypress Vine.</b> hha. Scarlet. (See cut); ht 8 ft.... 5c	

	Per pkt.
White; ht 8 ft.... 5c	
Mixed; ht 8 ft.... 5c	
( <i>Ipomoea Quamoclit.</i> ) Well-known climbers with handsome delicate foliage.	



Cypress Vine.

<b>Dolichos Lablab.</b> hha. Mixed; ht 8 ft.... 5c	
<b>Lignosus.</b> p. "Australian Pea Vine." Rose and purple, one of the best climbers, for a hot, dry climate; ht 15 ft.... 5c	
<b>Eccremocarpus Scaber.</b> p. Orange; ht 6 ft 10c Very valuable to cover trellises.	
<b>Humulus Japonicus.</b> a. ht 20 ft.... 10c (Japanese Hop.) A beautiful climber, which may be sown in open ground in spring, attaining immense proportions in a short time.	
Japanese Variegated.... 10c	
<b>Imperial Japanese Morning Glory.</b> hha. Mixed, all colors, very large; ht 30 ft 10c	
<b>Ipomoea.</b> Heavenly blue. hha. Light blue; ht 15 ft.... 10c	
<b>Learii.</b> "Blue Moon-flower." Splendid. p. ht 25 ft.... 10c	
<b>Mexicana Grandiflora Alba.</b> "True white Moon-flower." hhp; ht 15 ft... 15c	
<b>Kennedya Bimaculata Grandiflora.</b> p. Purple; ht 10 ft.... 15c	
<b>Lathyrus Latifolius.</b> p. Mixed. Rose and white; ht 6 ft.... 5c The "Everlasting Pea."	
<b>Loasa Aurantiaca.</b> hha. Golden yellow; ht 6 ft.... 10c	
The "Chilean Nettle" plant, with beautiful interesting flowers. Must be handled with gloves, as the leaves sting.	
<b>Lonicera Tartarica.</b> p. (Tartarian Honeysuckle.) Rose; ht 6 ft.... 10c	
<b>Mandevillea Suaveolens.</b> p. White; ht; 15 ft.... 10c	
"Chili Jasmine." Very fragrant.	
<b>Maurandia.</b> hhp. White; ht 8 ft.... 10c	
Purple; ht 8 ft.... 10c	
Fine Mixed; ht 8 ft.... 10c	

Per pkt.

- Mina Lobata.** ta. (See cut.) Red, yellow and white; ht 15 ft..... 10c  
Very showy; a great favorite in this section.



Mina Lobata.

- Nasturtium, Tall.** Chameleon. (See cut.)  
A new variety, producing flowers of different colors on the same plant; ht 6 ft 10c  
Dark crimson; ht 6 ft..... 5c  
King Theodore. Dark maroon, dark leaves extra fine; ht 6 ft..... 5c  
Orange; ht 6 ft..... 5c  
Pearl. Creamy white; ht 6 ft..... 5c  
Scarlet; ht 6 ft..... 5c  
Vesuvius. Salmon rose dark leaved, splendid; ht 6 ft..... 10c  
Yellow; ht 6 ft..... 5c  
Finest mixed; ht 6 ft..... 5c

- Passiflora Coerulea.** p. Blue; ht 8 ft..... 10c  
**Edules.** p. Mauve; edible fruit; ht 8 ft 10c  
**Princeps coccinea.** hhp. Scarlet; ht 6 ft 25c  
**Passiflora Rosacea.** (Incarnata.) Tall, rose-pink..... 25c  
White. hhp. Three angled stem, edible; ht 8 ft..... 10c  
Fine mixed; ht 6 to 8 ft..... 10c  
The above collection comprises the most beautiful and useful varieties of "Passion flowers."

- Phaseolus Caracalla.** hhp. Lilac purple and white; the "Snail Vine," very beautiful and interesting; ht 8 ft..... 10c

- Smilax.** p. White; very useful for festooning, etc.; ht 6 ft..... 10c

- Sollya. Heterophylla.** hhp. "Climbing Blue Bell." A pretty climber, with charming intense blue flowers; ht 6 ft.. 15c

- Tacsonia.** Van Volxemi. hhp. Dazzling scarlet; ht 6 ft..... 15c  
Mixed; ht 6 ft..... 10c  
Beautiful climbers, resembling Passifloras in foliage and flowers, colors varying from pink to crimson. Very ornamental.

\* Per pkt.

- Thunbergia.** Alata. hha. Mixed. White and yellow; ht 6 ft..... 10c  
Free bloomers of rapid growth; flowers of white and yellow shades, with striking black centers.



Nasturtium. Tall Chameleon.

- Tropaeolum Lobbianum.** Spitfire. a. Vivid scarlet; ht 6 ft..... 5c  
Finest mixed. a. All colors; ht 6 ft.. 5c  
Useful climbers, which may be pegged down and used for bedding purposes. May also be grown in pots for winter flowering. Colors dazzlingly brilliant.

- Wistaria Sinensis.** p. Light blue; ht 50 ft 15c  
A charming old fashioned hardy climber, producing its pale blue flowers in large clusters in early spring.

"The growing of seeds demands the nicest skill and the closest fellowship with plants. It is a business which demands much care and pains, and its promoters must be students. It is one of the most special and difficult of all operations."—  
[Year Book, U. S. Department of Agriculture]



## SWEET PEAS.



**Admiration**, pinkish, heliotrope, wings a shade lighter.

**America**, white ground, striped with blood red.

**Aurora**, white, striped and flaked with orange-salmon, very large.

**Black Knight**, deep maroon, the best dark variety.

**Blanche Burpee**, pure white, large.

**Blanche Ferry**, pink and white.

**Captivation**, light magenta or claret color.

**Countess of Radnor**, Improved (New Countess) pure light lavender, very large.

**Dorothy Tennant**, deep rosy mauve.

**Duchess of Sutherland**, white, suffused blush pink.

**Emily Eckford**, standard light reddish mauve, wings porcelain blue.

**Emily Henderson**, pure white, splendid.

**Gorgeous**, bright orange-salmon, wings orange-red.

**Gray Friar**, beautiful watered purple on white ground.

**Hon. F. Bouverie**, standard coral-pink, wings flesh pink.

**Juanita**, white, striped lavender and mauve.

**Katherine Tracy**, brilliant pink, grand.

**Lady Mary Currie**, bright orange pink, shaded rosy lilac.

**Lady Grisel Hamilton**, delicate silvery lavender.

**Lottie Eckford**, white, suffused and edged with lavender.

**Lottie Hutchins**, penciled and clouded pink on straw, yellow.

**Lovely**, shell pink, extra large, very fine.

**Maid of Honor**, white and lavender, edged blue.

**Mrs. Eckford**, delicate primrose-yellow.

**Mars**, fiery crimson, deepening with age.

**Mont Blanc**, the earliest sweet pea yet introduced. The flowers are large and of the purest white.

**Navy Blue**, deep blue, extra fine.

**Prima Donna**, soft rose pink, extra fine.

**Ramona**, white, striped and splashed with delicate pink.

**Royal Rose**, deep rose, shaded light pink.

**Sadie Burpee**, (black seeded) white, blush tinge when young, large.

**Salopian**, deep crimson red, extra large.

**Sensation**, white with flesh tinge.

**Stella Morse**, primrose, clouded rosy apricot.

**Venus**, salmon-buff, shaded with pink.

The above varieties, separate colors, 5c per pkt.; 50c per doz. pkts.; 10c per oz.; 25c per ¼ lb.; 60c per lb. The whole collection of 35 varieties, 1 pkt. of each, mailed free for \$1.25.

**Germain's Special Light Mixture**, including only light and bright colors, same price as above.

**California Large Flowering Mixed**, from 20 named varieties, 5c per pkt.; 10c per oz.; 20c per ¼ lb.; 60c per lb.

**Eckford's Hybrids (Mixed)**. This mixture is made up of the best of Eckford's hybrids and necessarily many of the finest varieties of the above mixture are not included. Per pkt., 5c; ¼ lb., 15c; per lb., 40c.

**Double Mixed**. A new class of Sweet Peas, per pkt., 10c; per oz., 15c; per lb., \$1.00.

## Cupid or Dwarf Sweet Peas.

**Alice Eckford Cupid**, standard creamy white, wings white, flushed pink.

**Beauy Cupid**, standard rose, shading to white, wings rosy carmine.

**Boreatton Cupid**, rich deep maroon.

**Countess of Radnor Cupid**, delicate lavender, large, extra fine.

**Firefly Cupid**, dazzling scarlet, free bloomer.

**Pink Cupid**, standard bright rose pink, wings white or light pink.

**Primrose Cupid**, pale primrose or creamy white.

**White Cupid**, pure white, very fine.

The above varieties, mixed or separate, 5c per pkt.; 15c per oz.

The collection of 8 varieties, 1 pkt. of each, mailed free for 35c.

## SPECIAL OFFER OF FLOWER SEEDS IN COLLECTIONS.

These are put up in small separate packets, each labeled with the name or color, and all enclosed in a larger envelope labeled with the name and number of varieties contained therein.

- |  |  |
|--|--|
| <p>No.1—25 fine varieties of annual and perennial flower seeds, \$1.<br/>         No. 2—12 varieties annual and perennial flower seeds, 50c.<br/>         No. 3—12 beautiful varieties, trailing and climbing plants, 50c.<br/>         No. 4.—6 beautiful varieties trailing and climbing plants, 25c.<br/>         No. 5—6 fine varieties of everlasting flowers, 25c.</p> | <p>No. 6—6 choice varieties of Tom Thumb Nasturtiums, 25c.<br/>         No. 7—6 choice varieties of tall or climbing Nasturtiums, 25c.<br/>         No. 8—6 beautiful varieties of Ornamental gourds, 25c.<br/>         No. 9—4 grand varieties of Passion Flowers, 50c.<br/>         No.10—5 fine varieties of Ornamental Grasses, 25c.</p> |
|--|--|

## ORNAMENTAL GRASSES.

Most of these, if cut before they are quite ripe, will be useful in winter bouquets or with everlasting flowers. a.—Annual. p.—Perennial. Sow in boxes in February or March, when large enough transplant.

- |  | Per pkt. |  | Per pkt. |
|--|----------|--|----------|
| <b>Agrostis Nebulosa.</b> a. Very graceful and fine for vases and bouquets; ht 1 ft.....                       | 10c      | <b>Procumbens.</b> p. Very neat and compact, fine for edgings to ribbon beds and borders; ht ¼ ft.....     | 10c      |
| <b>Pulchella.</b> a. Very graceful and fine for vases and bouquets; ht 1 ft.....                               | 10c      | <b>Isolepis Gracilis.</b> p. Very pretty rush-like grass for hanging baskets and pot culture; ht 1 ft..... | 10c      |
| <b>Avena Sterilis.</b> a. "Animated Oats." Singular and curious; ht 3 ft.....                                  | 5c       | <b>Lagurus Ovatus.</b> a. "Hare's Tall Grass." Fine for bouquets; ht 2 ft.....                             | 5c       |
| <b>Briza Maxima.</b> a. Large; ht 1½ ft.....   | 5c       | <b>Lasiagrostis Argentea.</b> p. Very graceful and fine for bouquets; ht 3 ft.....                         | 10c      |
| <b>Gracilis.</b> a. Slender, "Quaking Grass," fine for bouquets; ht 1 ft.....                                  | 5c       | <b>Stipa Pennata.</b> p. "Feather Grass." Universally admired in bouquets; ht 2 ft                         | 10c      |
| <b>Eragrostos. Elegans.</b> a. "Love Grass," with beautiful dancing spikelets, good for bouquets; ht 1 ft..... | 5c       | <b>Tricholaena Rosea.</b> p. Very pretty, with rose-colored panicles; ht 3 ft.....                         | 10c      |
| <b>Eulalia Japonica.</b> p. "Japan Plume" Grass. Very effective in groups; ht 6 ft                             | 10c      | <b>Uniola Latifolia.</b> p. "Sea Oats." Very ornamental; ht 4 ft.....                                      | 10c      |
| <b>Festuca Glaucia.</b> p. Very neat and compact, fine for edgings to ribbon beds and borders; ht ½ ft.....    | 10c      | <b>Zea Japonica Fol. Variegata.</b> hha. "Striped Japanese Maise." Very ornamental; ht 4 ft.....           | 5c       |

## PERENNIALS.

- |  | Per pkt. |   | Per pkt. |
|--|----------|---|----------|
| <b>Alyssum Saxatile.</b> Beautiful yellow; ht ¾ ft. ....   | 5c       | <b>Arabis Alpina.</b> White; ht ½ ft..... | 5c       |
| Fine for borders or rock work. b.  |          | "Rock Cress" useful for rockwork.         |          |
| <b>Anchusa Capensis.</b> Azure blue; ht 1½ ft... "Cape Alkanet" free blooming biennial. b.               | 5c       |   |          |
| <b>Anemone Coronaria.</b> Mixed; ht ½ ft..... The "Windflower." Beautiful early Spring flowering plants. | 10c      |   |          |
| <b>Antirrhinum Majus.</b> Tall mixed; ht 2 ft.. Tall, white; ht. 2 ft.....                               | 5c       |   |          |
| Tall yellow; ht 2 ft.....  | 5c       |   |          |
| Tall, blood red, white throat; ht 2 ft ..  | 5c       |   |          |
| Dwarf, mixed; ht 1 ft .....  | 5c       |   |          |
| Dwarf. Queen of the North. Pure white; ht 1 ft .....   | 10c      |   |          |
| Tom Thumb, mixed; ht ¾ ft.....   | 5c       |   |          |
| "Snapdragons," hardy perennials, flowering the first year, unsurpassed for borders. b                    |          |   |          |
| <b>Aquilegia Chysantha.</b> Yellow; ht 2 ft.....   | 10c      |   |          |
| Double mixed hybrids, very fine; ht 2 ft.  | 10c      |   |          |
| Single mixed; ht 2 ft .....  | 5c       |   |          |
| "Columbines." Handsome hardy perennials, indispensable as decorative border plants. b.                   |          |   |          |



Asparagus Plumosus.

**Armeria.** Thrift, or Sea Pink, a very hardy plant; fine for edging. .... 10c

	Per pkt.
<b>Asparagus Sprengeri.</b> A fine ornamental plant for hanging baskets .....	10c
<b>A. Plumosus.</b> A fine pot plant.....	15c
100 seeds .....	85c
<b>Asperula Odorata.</b> White; ht ½ ft .....	10c
"Woodruff" very fragrant.	
<b>Aster.</b> Perennial varieties, finest mixed, "Michaelmas Daisies," ht 3 ft .....	10c
<b>Auricula.</b> Finest English hybrids; ht ½ ft .....	25c
From the finest collection. Fine deep colors, variously margined. Good for pot culture.	
<b>Begonia.</b> t. Tuberous rooted, single, splendid mixed; ht 1½ ft .....	50c
Semperflorens. Finest of the more hardy bedding begonias.....	25c



Bellis Perennis.

<b>Bellis Perennis.</b> fl. pl. (See cut.) Mixed double; fine; ht ¼ ft .....	10c
Longfellow. Large double rose; ht ¼ ft .....	10c
Quilled. Double mixed, fine; ht ¼ ft ....	15c
Snowball. Double white; ht ¼ ft .....	10c
Double Red; ht ¼ ft .....	10c
The popular Double English Daisies. Very useful for edgings.	
<b>Cactus.</b> Finest mixed; ht ½ to 4 ft .....	15c
Saved from the best and most distinct species.	
<b>Campanula Carpatica.</b> Blue; ht ½ ft .....	5c
Pyramidalis. Blue; ht 3 ft.....	5c
(See also "Canterbury Bells.")	
"Bell flowers." Hardy plants, well suited for mixed borders.	
<b>Canna.</b> New French hybrids, mixed; ht 4 ft .....	10c
Handsome plants for lawn decoration and for back grounds. Soak the seed in tepid water twenty-four hours before sowing.	
<b>Canterbury Bells.</b> Single blue; ht 2 ft .....	5c
Single white; ht 2 ft.....	5c
Single Rose; ht 2 ft .....	5c
Single Mixed; ht 2 ft.....	5c
Double White; ht 2 ft .....	10c
Double Rose; ht 2 ft .....	10c

Double Blue; ht 2 ft .....	10c
Double Mixed; ht 2 ft.....	10c
Calycanthemum Mixed; ht 2 ft .....	10c
Very handsome border perennials of great utility, and deservedly popular favorites. The last two kinds are of great beauty, the calyx being of the same color as the flower. They are called "Hose in Hose," or "Cup and Saucer," Canterbury Bells. b.	

<b>Carnation.</b> Finest German Mixed; ht 1½ ft .....	25c
Redondo Mixed; ht 1½ ft .....	15c
Perpetual, or Tree; very fine; ht 2 ft...	25c
Perpetual or Tree, Hermine. Pure white extra fine; ht 2 ft .....	25c
Grenadin; early dwarf, red; ht ½ ft ..	10c
Marguerite Mixed. (See cut.) Will commence flowering within 4 months from the time of coming up; ht 2½ ft .....	10c



Marguerite Carnation.

Marguerite, Snowflake. Pure white; ht 1½ ft .....	10c
Our collection comprises the most richly scented and beautifully marked varieties.	
<b>Centaurea Candidissima.</b> White foliage; ht 1 ft .....	10c
Gymnocarpa; ht 1 ft .....	10c
The "Dusty Miller." Fine plants for ribbon beds or borders.	
<b>Cerastium Tomentosum.</b> White leaves, trailer .....	15c
"Jerusalem Star." Useful for edging and rock work.	
<b>Chrysanthemum Frutescens.</b> White, yellow-eye (Paris Daisy or Marguerite); ht 2 ft .....	10c
Leucanthemum hybridum (Shasta Daisy); white, yellow center; flowers 4 inches in diameter; valuable for cutting; ht 2 ft .....	10c
Indicum (Chinese.) Mixed; ht 3 ft .....	10c
Nanum (Pompone.) Mixed; ht 2 ft ....	10c
Japonicum (Japanese) Mixed; ht 3 ft ..	10c

Per pkt.

The last three kinds are the Chinese and Japanese varieties, so extensively grown and used during the fall months. b.

**Cineraria Martima Candidissima**; ht 1 ft .. 10c  
Silvery foliage, very useful for ribbon beds and borders.

**Clanthus Dampierii**. Scarlet with black center; ht 4 ft ..... 15c  
The Australian "Desert Pea". A magnificent flower. Water sparingly after sowing.

**Coleus. t.** Finest mixed; ht 2 ft ..... 15c  
New large leaved, very fine; ht 2 ft .... 25c  
Ornamental decorative leaved plants, fine for house decoration or sub-tropical gardening.

**Convulvulus Mauritanicus**. Lavender; trailer 10c  
Hardy perennial for hanging baskets with flowers of bright metallic lustre.

**Coreopsis Lanceolata**. (See cut.) Yellow; ht 2 ft ..... 10c  
A beautiful plant, with lance shaped leaves and showy bright flowers 2 or 3 inches in diameter. b.

**Cuphea Platycentra**. Scarlet and black; ht 2 ft ..... 10c  
The "Cigar Plant," pretty tubular flowers.



Cyclamen Persicum.

**Cyclamen Persicum**. hh. bulb. (See cut.)  
Fine mixed, white and pink; ht ½ ft .. 25c  
**Persicum Giganteum**. hh. bulb. Fine mixed, white and pink; ht ¾ ft ..... 25c  
Charming winter flowering house plants. Our seed is the finest strain.

**Daisy**. See *Bellis*.

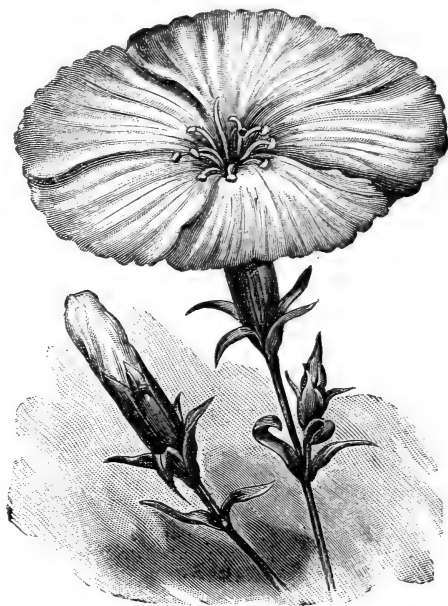
**Daisy**. *Shasta*. See *Chrysanthemum*.

**Dahlia**. hh. Large flowered, double, best quality, mixed; ht 5 ft ..... 15c  
Cactus. Mixed colors; ht 5 ft ..... 15c  
Pompon. Small bouquet, mixed; ht 4 ft 15c  
Single. Mixed; ht 5 ft ..... 10c  
The Cactus and Single Dahlias are becoming very popular. b.

Per pkt.

**Delphinium Cardinale**. (Scarlet Larkspur.)

Bright scarlet; ht 3 to 5 ft ..... 10c  
**Elatum**. Mixed. (Bee Larkspur) ht 3 ft 5c  
**Formosum**. Bright blue; ht 4 ft ..... 10c  
**Hybridum**. Double, extra choice mixed; ht. 3 ft ..... 15c  
**Perennial Larkspur**. Fine border plants of brilliant colors.



Dianthus. Queen of Holland.

**Dianthus Chinensis**. Double mixed; ht 1 ft ..... 10c  
**Heddewigii**. Fine mixed; ht 1 ft ..... 10c  
**Heddewigii**. Crimson Bell, dark crimson ht 1 ft ..... 10c  
**Heddewigii**. Queen of Holland. (See cut) White; ht 1 ft ..... 10c  
**Heddewigii nobilis**. (Royal Pinks.) Flowers 3 to 4 inches in diameter, petals frilled and fringed; colors vary from bright blood red to carmine, pink and white; ht 1 ft ..... 10c  
**Diadematus** (Double Diadem Pink.) ht 1 ft ..... 10c  
**Diadematus Albus** (White Diadem Pink) ht 1 ft ..... 10c  
**Laciniatus**. Single mixed; ht 1 ft ..... 10c  
**Laciniatus** (See cut). Double mixed; ht 1 ft ..... 10c  
**Imperialis**. (Double Imperial Pink.) Mixed; ht 1 ft ..... 10c  
**Hybridus**. Double mixed; ht 1 ft ..... 10c  
"China Pinks". Very free flowering and showy. b.

**Digitalis Gloxinoides**. Fine mixed; ht 3 ft 5c  
"Foxgloves," bearing fine spikes of variously spotted and blotched flowers for borders and shrubbery.

**Dodecatheon Media**. Lilac; ht ½ ft ..... 10c  
"American Cowslip." Fine for rock work, etc.

**Echeveria Metallica**. Red; ht ¼ ft ..... 25c  
"Live-for-ever." Handsome, succulent plant for edgings, with metallic lustre on leaves.

- Per pkt.
- Ereption Reniforme.** (*Viola Hederacea*.)  
 Blue; ht  $\frac{1}{2}$  ft ..... 25c  
 "Australian Pansy," a pretty tufted  
 plant with kidney-shaped leaves and  
 blue flowers, rare and curious.



Dianthus Lacinatus, Double.

- Erythrina Crista Galli.** Dark red; ht 6 ft. 15c  
 "Coral Tree." A handsome decorative  
 plant for shrubbery, etc.

- Evening Primrose.** Yellow; ht 3 ft ..... 5c  
 Very showy for mixed borders and  
 shrubbery, etc.

- Ferns.** All species mixed; ht  $\frac{1}{2}$  to 2 ft. ... 15c  
 Saved from the choicest varieties.

- Forget-me-not.** See *Myosotis*.

- Fraxinella.** Red; ht 2 ft ..... 10c  
 The "Burning Bush," very handsome.  
 The seed is slow to germinate.

- Freesia refracta alba.** White; ht  $\frac{3}{4}$  ft ... 10c  
 Well known bulbous plants, blooming in  
 one year from seed. b.

- French Honeysuckle.** Red and white mixed; ht  
 3 ft ..... 5c  
*Hedysarum Coronarium.* Hardy, profuse  
 blooming. Succeeds well near the sea-  
 side. Not to be confounded with the  
 climbing Honeysuckle, as it is quite a  
 distinct species.

- Fuchsia Hybrida.** hh. Single, finest mixed;  
 ht 3 ft ..... 25c  
 Double, finest mixed; ht 3 ft ..... 25c  
 Favorite flowering shrubs. Seeds from  
 the finest named varieties.

- Gaillardia Picta.** Red and yellow; ht  $1\frac{1}{2}$   
 ft ..... 5c  
*Lorenziana.* (See cut.) Double, mixed  
 colors; ht  $1\frac{1}{2}$  ft. .... 5c  
*Grandiflora.* Splendid mixed; ht 2 ft. ... 10c  
*Grandiflora Maxima.* Golden yellow; ht  
 2 ft ..... 10c

- Per pkt.
- Grandiflora sulphurea oculata.* Pale sul-  
 phur yellow with a well-defined bright  
 maroon ring around the center; ht 2  
 ft ..... 10c  
 The "Blanket" flower. Very showy bor-  
 der plant. b.



Gaillardia Lorenziana.

- Gentiana Acaulis.** Intense blue; ht  $\frac{1}{4}$  ft. ... 10c  
 An Alpine plant of great beauty, fine  
 for borders and rock work.

- Geranium.** Apple scented; very fragrant;  
 ht  $1\frac{1}{2}$  ft ..... 15c  
 Double Zonale. Finest mixed; ht 3 ft. ... 25c  
 Single Zonale. Finest mixed. ht 5 to 6  
 ft. .... 10c



Heuchera alba.

- Geranium.** Ivy leaved. Finest mixed;  
 trailer; ..... 15c  
 Tricolor, gold and bronze leaves; ht 2 ft 25c  
 (See *Pelargonium* for show varieties.)  
 Seed saved from best varieties of all  
 the kinds. b.

- Geum Coccineum.** Scarlet; ht 2 ft ..... 10c  
 "Scarlet Avens." A Chilean plant of great beauty, very useful in mixed borders.
- Gloxinia Hybrida.** t. Finest mixed; ht. 1 ft ..... 20c  
 A beautiful greenhouse perennial bulb. Seed saved from the finest erect and drooping varieties.
- Golden Rod.** See Solidago.
- Gypsophila Paniculata.** White; ht 1½ ft .. 5c  
 Very graceful, flowering in panicles, and excellent for cut flowers. b. (See Annuals.)

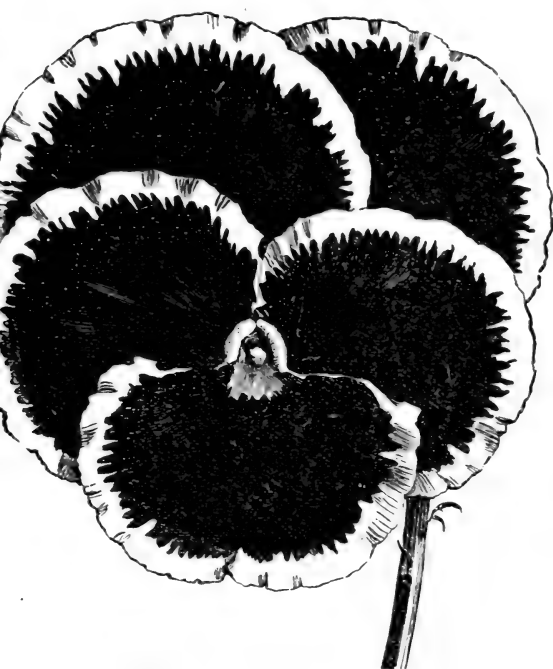


Hollyhocks. Finest German Mixed.

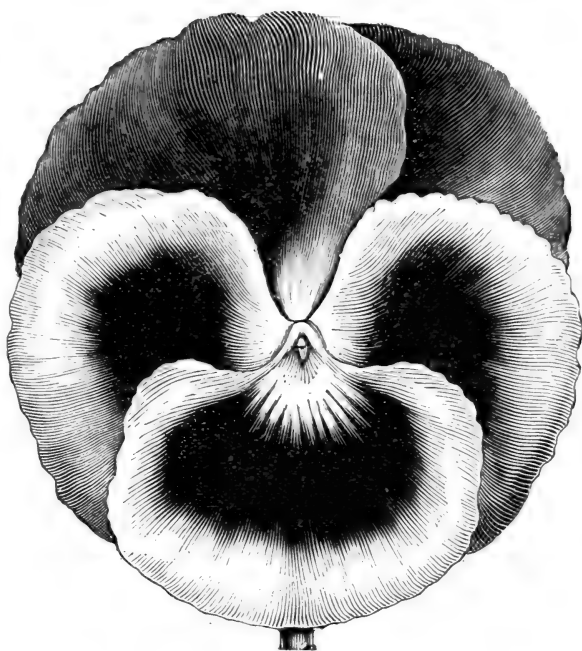
- Heliotropium.** Finest mixed; ht 6 ft .... 10c  
 "Cherry Pie." Deliciously fragrant, also fine for pot culture. b.
- Heuchera Sanguinea.** Crimson; ht 1 ft .. 15c  
 Alba. (See cut, page 57.) White; ht 1 ft 15c  
 Allied to the Saxifragas, very graceful, valuable for cut flowers. b.
- Hibiscus Coccineus.** Scarlet; ht 5 ft..... 10c  
 Roseus Grandiflorus. Pink; ht 4 ft. . . . 10c  
 Well known showy perennial shrubs with brilliant flowers.
- Hollyhock.** Finest Double German mixed; ht 5 ft ..... 10c

- Chater's superb double mixed English;** ht 5 ft ..... 10c  
 Chater's superb double white; ht 5 ft.. 10c  
 Chater's superb double crimson; ht 5 ft... 10c  
 Chater's superb double pink; ht 5 ft .. 10c  
 Chater's superb double yellow; ht 5 ft.. 10c  
 Allegheny. Semi-double, fringed, mixed; ht 5 ft ..... 10c  
 Favorite hardy perennials. Will flower the first season, if sown early.
- Honesty.** Purple. A biennial; ht 1½ ft.. 10c  
 Interesting in a dried state, the membranous lining of the seed pod making a handsome ornament for winter bouquets. b.
- Hunnemannia Fumariaefolia.** Yellow; ht 2 ft ..... 10c  
 A showy plant belonging to the Poppy family.
- Hyacinthus Candicans;** ht 3 ft .... 10c  
 A bulbous plant, throwing up a spike, bearing 20 to 30 Yucca-like flowers, pure white and fragrant.
- Iberis Gibraltarica.** White, suffused with rose; ht 1 ft. .... 10c  
 Sempervirens. White; ht 1 ft..... 10c  
 "Perennial Candytuft." Early spring flowering plants, good for borders and rock work. b.
- Ipomopsis.** Fine mixed. Biennial; ht 3 ft ..... 10c  
 "Texas Plumes." Showy scarlet and gold pyramidal blossoms and feathery foliage.
- Lantana.** Finest mixed; ht 4 ft .... 10c  
 White, rose and yellow part-colored fragrant flowers, like the Heliotrope in form. b.
- Lavender.** Blue; a hardy shrub, well-known and esteemed for its delicious fragrance; ht 3 ft ..... 5c
- Linaria Cymbalaria.** "Kenilworth Ivy." White and purple; very pretty for rock work and hanging baskets; trailer .. 10c
- Lobelia Cardinalis.** "Cardinal Flower." A handsome border plant with bronze foliage and brilliant scarlet flowers; ht 2 ft ..... 10c
- Lupinus.** Mixed, all colors. b. ht 1 to 4 ft. .... 5c
- Lychnis Chalcedonica.** Bright scarlet; ht 2 ft ..... 5c  
 Haageana Hybrida. Finest mixed; ht 2 ft ..... 10c  
 "Jerusalem Cross". Favorite hardy plants for borders and shrubbery. b
- Marvel of Peru.** "Four O'clocks," finest mixed; this well known plant has few rivals for beauty, expanding in the afternoons and continuing open all night; ht 2 ft. .... 5c
- Matricaria Eximia.** "Feverfew." Double white, very handsome, showy flowers continuing a long time in bloom. b. ht 2 ft. .... 5c





Bugnot's Superb Blotched Pansy.



Cassier's Pansy.

	Per pkt.
<b>Mimulus Cardinalis.</b> "Scarlet Monkey Flower". Dark red; ht 1½ ft .....	10c
<b>Tigrinus grandiflorus.</b> Finest mixed, spotted and tigré varieties; ht 1½ ft ...	10c
Brilliant perennials, flowering the first season, if sown early. Also suitable for pot culture.	
<b>Musk Plant.</b> ( <i>Mimulus Moschatus</i> .) Yellow, a universal favorite; nt ½ ft ....	10c
<b>Myosotis Azorica.</b> Dark blue; ht ½ ft ....	10c
<b>Alpestris.</b> Light blue; ht ½ ft ....	10c
<b>Dissitiflora.</b> Brilliant blue, earliest flowering; ht ½ ft .....	15c
<b>Palustris Semperflorens.</b> Bright blue; ht 1 ft. ....	10c
"Forget-me-not." Very beautiful and much prized for spring flowers. b.	
<b>Nierembergia Gracilis.</b> Silvery lavender. Excellent for hanging baskets, edgings, etc.; ht. 1 ft. ....	10c
<b>Oeonthera Lamarckiana.</b> Yellow; ht 4 ft. ...	5c
A grand Evening Primrose, with long spikes of yellow flowers.	
<b>Oxalis Rosea.</b> Pink; ht ½ ft. ....	10c
<b>Tropaeoloides.</b> Yellow; ht ¼ ft. ....	10c
"Shamrock" or "Wood Sorrel." Delightful little plants for edgings, hanging baskets and rock work.	
<b>Pansy, or Heartsease.</b>	
Bugnot's Superb Blotched. (See cut.) Extra fine; ht ½ ft .....	50c
Cassier's (See cut). Very large flowered, finest mixed; ht ½ ft. ....	25c
English mixed, extra select, very large and velvety; ht ½ ft. ....	15c
Giant Trimardeau. Mixed, very large and of vigorous growth; ht ¾ ft ....	25c

	Per pkt.
Giant Trimardeau Parisian Large, Stained. New class, large flowered; ht ¾ ft. ....	25c
Odier's Five Blotched. (See cut, page 60). Very fine, with a black blotch on each petal; ht ½ ft. ....	25c
Scotch Prize. (See cut, page 60). From extra selected prize flowers; ht ½ ft. ....	50c
Germain's Best Prize Mixture of all the best strains; ht ½ ft. ....	25c
Common Bedding Mixture .....	5c
Azure Blue; ht ½ ft. ....	10c
Emperor William, ultramarine blue; ht ½ ft. ....	10c
Faust, or King of the Blacks, coal black ht ½ ft. ....	10c
Golden Yellow, pure; ht ½ ft. ....	10c
Golden Yellow, with dark center; ht ½ ft. ....	10c
Gold margined, brown with gold border; ht ½ ft. ....	10c
Lord Beaconsfield, large, purple violet shading off to Lavender; ht ½ ft. ....	10c
Mahogany colored; ht ½ ft. ....	10c
Masterpiece. New Giant curled, or ruffled Pansy. Highest perfection in the class	25c
Peacock, royal purple, shot with peacock blue; ht ½ ft. ....	15c
President Carnot. White, violet blotches; ht ½ ft. ....	15c
Snowflake, pure white; ht ½ ft. ....	10c
Striped and variegated varieties; ht ½ ft. ....	10c
Victoria, blood red; ht ½ ft. ....	15c
Violet, white margined; ht ½ ft. ....	10c
White, with black center; ht ½ ft. ....	10c
Fine mixed; ht ½ ft. ....	10c
Pansies should be carefully cultivated, and will amply repay liberal treatment. All the foregoing strains are carefully saved from the choicest flowers.	

Per pkt.  
**Pelargonium.** Fancy, best and richest colors mixed; ht 3 ft. .... 25c  
 Large flowered, richest colors, mixed, ht 3 ft. .... 15c  
 "Lady Washington Geraniums," Favorite bedding and greenhouse plants, with brilliant flowers. Seeds saved only from the finest sorts. b.

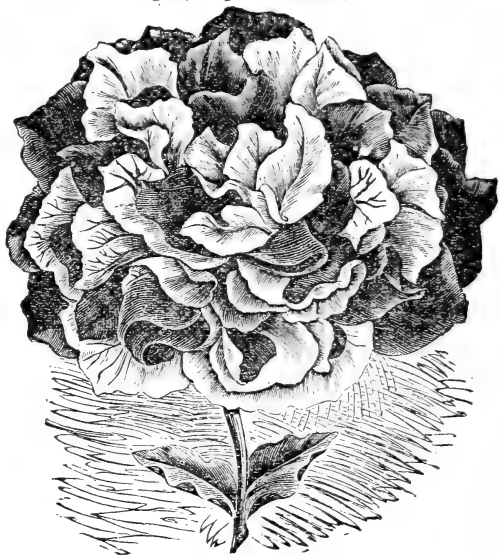


Petunia. Single Fringed.

**Pentstemon.** Finest mixed; ht 2 ft .... 5c  
 Hartwegi Grandiflorus. New large flowered mixed; ht 2 ft .... 15c  
 Fine herbaceous perennials, very showy in mixed borders. b.

**Petunia.** Single Inimitable, blotched and striped, very handsome; ht  $\frac{3}{4}$  ft. .... 10c

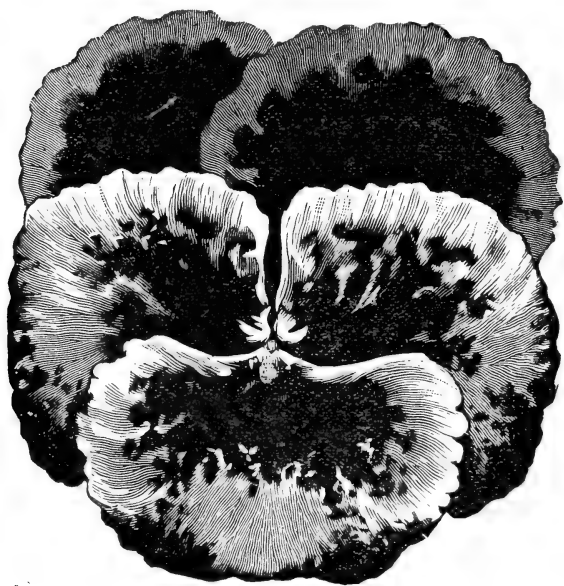
Per pkt.  
 Single. Giants of California. Very large ruffled and fringed, extra fine mixed; ht 1 ft. .... 25c  
 Single Fringed. See cut.) Large flowered, superb mixed; ht 1 ft. ....  $\frac{3}{4}$ ... 25c  
 Single. White; ht 1 ft. .... 10c  
 Single. Good mixed; ht 1 ft. .... 10c  
 Double. Fringed, superb mixed; ht 1 ft. .... 50c



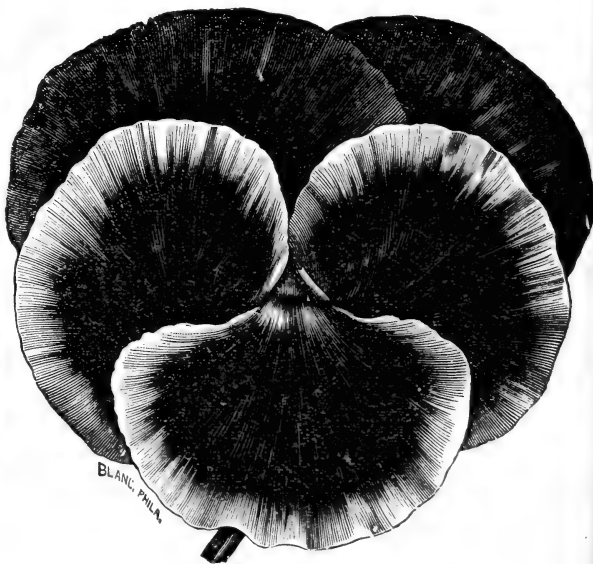
Petunia. Double.

Double. (See cut). Extra fine mixed; ht 1 ft. .... 25c  
 Very ornamental, free flowering plants, for bedding in masses or borders.

**Phlox. Perennial.** Finest mixed; ht 2 ft. .... 10c  
 A very showy, handsome plant. b.



Scotch Prize Pansy.



Odier's Blotched Pansy.

- Per pkt.
- Physalis Francheti.** White; ht 2 ft ..... 15c  
 "Chinese Lantern Plant." Very ornamental; produces an abundance of large white flowers, followed by inflated husks, which are first green, afterwards changing to a yellowish color, and then to orange scarlet, in shape like a Chinese lantern.
- Picotee Pink.** Finest mixed; ht 1½ ft. .... 15c  
 Splendid hardy pinks, beautifully marked on edge of petals. b.
- Pink, Florist's.** From fine show varieties, mixed; ht 1 ft ..... 10c  
 "Pheasant's Eye" Pinks. Very fine, usually marked with a ring in center, double and fragrant. b.
- Poinsettia Pulcherrima.** Christmas Flower.. 25c



Poppies. Perennial Hybrid Mixed.

- Polemonium Coeruleum.** Blue; ht 2½ ft.. 10c  
 "Jacob's Ladder." An old-fashioned English perennial, used in mixed borders.
- Polyanthus.** Finest gold-laced varieties; ht ½ ft ..... 25c  
 Choice mixed; ht ½ ft. .... 10c  
 Charming early flowering plants, beautifully laced and edged.
- Poppies.** Perennial hybrid mixed; (See cut.) ht 4 ft. .... 25c  
**Papaver Orientale.** Dark red; ht 4 ft. .... 10c  
**Papaver Bracteatum.** Scarlet; ht 3 ft ..... 10c  
**Ice-land (Papaver nudicaule.)** Yellow, ht 1¼ ft ..... 10c

- Per pkt.
- Ice-land.** White; ht 1¼ ft ..... 10c  
**Ice-land.** Orange ht 1¼ ft ..... 10c  
**Ice-land Mixed;** ht 1¼ ft ..... 10c  
 Very showy plants for mixed borders. The Ice-land poppies will bloom the first year from seed, if sown early. For other varieties see list of annuals.
- Primrose.** True English yellow; ht ½ ft.. 15c  
 An old fashioned garden favorite.
- Primula Sinensis.** t. Fringed white; ht ½ ft 25c  
 Fringed red; ht ½ ft ..... 25c  
 Finest mixed, fringed; ht ½ ft. .... 25c  
**Obeonica.** t. Light mauve; ht ½ ft. .... 15c  
 Fine pot plants for winter and spring flowering; for indoor culture.
- Pyrethrum Roseum Hybridum.** Single. Finest mixed; ht 2 ft ..... 10c  
 Hybridum. Double mixed. Aster-like flowers; ht 2 ft ..... 15c  
**Parthenifolium Aureum (Gold Feather.)** ht ½ ft ..... 10c  
**Parthenifolium Aureum Selaginoides.** Yellow fern-like foliage, very fine; ht ½ ft ..... 10c  
 The first two varieties are grown for their flowers, the last two are well known edging plants.
- Romneya Coulteri.** White with yellow center; ht 6 to 10 ft. .... 10c  
 "Matilija Poppy." A noble plant.
- Rose Campion.** Crimson; ht 1½ ft ...¾... 5c  
 (Agrostemma coronaria) silvery foliage.
- Rocket, Sweet.** Fine mixed; ht 1½ ft. .... 5c  
 "Dames' Violet." Valuable for borders, free blooming and sweet scented.
- Salvia Patens.** hh. Sky blue; ht 2 ft ..... 15c  
**Splendens.** hh. Dazzling scarlet; ht 3 ft .. 10c  
 "Flowering Sage." Brilliant flowering plants for borders, backgrounds and centers of beds. b.
- Santolia Chamaecyparissus;** ht 2 ft ..... 10c  
 "Lavender Cotton." A silvery-leaved plant, useful for edging.
- Saxifraga.** Fine mixed; ht ½ ft. .... 15c  
 "Mother of Thousands," or "London Pride." Charming little trailing plants for hanging baskets, vases or rock work.
- Sedum.** Fine mixed; ht ½ ft ..... 10c  
 "Stone Crop." Curious plants. For carpet beds. Plant in sandy soil.
- Sensitive Plant.** Pink; ht 2 ft ..... 5c  
 "Mimosa Pudica." An interesting plant with the peculiarity of closing its leaves when touched.
- Solidaga Canadensis.** Golden Rod. ht. 2 to 3 ft ..... 10c
- Solanum.** Weatherill's Hybrids, mixed. hh. ht 1 ft ..... 10c  
 Decorative species for pot culture, bearing orange colored berries.
- Statice Latifolia;** ht 1 ft ..... 10c  
 (Sea Lavender.) A favorite hardy perennial with bright blue flowers, very useful for bouquets.
- Stevia Serrata.** White; ht 1½ ft ..... 10c  
 A valuable plant for florists, producing large heads of small, white fragrant flowers, very graceful and excellent for cutting purposes. b.

	Per pkt.		Per pkt.
<b>Stocks.</b> (Biennial and perennial).		Purple; trailer .....	10c
Intermediate. Finest mixed; ht 2 ft ....	10c	Italian striped; finely striped and mot- tled; trailer .....	10c
Intermediate. East Lothian. Crimson; ht 2 ft .....	15c	Large white; trailer .....	10c
Intermediate. East Lothian. Purple; ht 2 ft .....	15c	<b>Verbena.</b> Cscarlet; trailer.....	10c
Intermediate, East Lothian. White; ht 2 ft .....	15c	Mammoth mixed; trailer.....	15c
Brompton. Flesh color; ht 2 ft .....	15c	Pink; trailer .....	10c
Brompton. Bright rose; ht 2 ft .....	15c	Fine mixed; trailer .....	5c
Brompton. Brick red; ht 2 ft .....	15c	Lemon-scented. (Aloysia Citriodora.) Lav- ender; ht 8 to 10 ft .....	15c
Brompton. Crimson; ht 2 ft .....	15c	A well known favorite bedding plant. The Lemon Verbena is a shrubby perennial in our mild climate. b.	
Brompton. Light blue; ht 2 ft .....	15c	<b>Vinca Rosea.</b> Red; ht 2 ft.....	10c
Brompton. Violet; ht 2 ft .....	15c	Alba. White, with red eye; ht 2 ft. ....	10c
Brompton. White; ht 2 ft .....	15c	Mixed; ht 2 ft .....	10c
Brompton. Finest mixed; ht 2 ft .....	15c	"Madagascar Periwinkle."	
Cocardeau, or Giant Cape Winter, Finest mixed; ht 2½ ft .....	15c	<b>Viola Cornuta.</b> Mixed; ht ½ ft .....	10c
Emperor. Very fine mixed; ht 2½ ft....	15c	Odorata "Sweet Violet;" ht ¼ ft.....	10c
(For Ten-Week Stocks, see Annuals.) All these Stocks are very double, fragrant and handsome. The Intermediate varie- ties are biennials. The last three spe- cies are splendid decorative border plants. The true "Gilly Flower." b.		Odorata. White; ht ¼ ft .....	10c
<b>Sweet William.</b> Hunt's Auricula Flowered Perfection. Single mixed; ht 1½ ft ....	10c	Odorata "The Czar." Light blue, very large; ht ¼ ft.....	10c
Single. Pure white; ht 1½ ft.....	10c	With the exception of Viola Cornuta, these favorites are too well known to need comment. Viola Cornuta resem- bles the Pansies, and is admirably adapted for bedding purposes. b.	
Single. Finest mixed; ht 1½ ft.....	5c	<b>Wallflower.</b> Single mixed; ht 2 ft ....	5c
Double. Finest mixed; ht 1½ ft.....	10c	Blood red; ht 1 ft .....	10c
Well known and very showy plants for borders; flowering early in the spring. b.		Belvoir Castle. Dwarf yellow; ht ¾ ft ..	10c
<b>Valerian.</b> Mixed; ht 2 ft. ....	5c	Harbinger. Rich blood red; ht 1 ft ....	10c
An old fashioned English plant; valuable for mixed borders. b.		Double German mixed; ht 2 ft .....	15c
<b>Verbascum Phoeniceum.</b> Mixed; ht 3 to 5 ft .....	5c	Well known fragrant plant. b.	
Showy plants for mixed borders.		<b>Wigandia Caracasana.</b> Violet; ht 8 to 10 ft .....	15c
<b>Verbena.</b> Auricula flowered mixed, with white centers; trailer .....	10c	Plants remarkable for the large size of their leaves; much prized as single spec- imens for lawns and sub-tropical gar- dening.	

### CALIFORNIA NATIVE FLOWER SEEDS.

The following varieties are all of great beauty, and many of them are rare and difficult to obtain.

<b>Brodiaea Capitata</b> (Cluster Lily.) Pretty, bulbous; flowers early in spring; deep violet to white; ht ¾ to 1 ft .....	10c	<b>Emmenanthe penduliflora</b> (Whispering Bells) Bushy annual; small, light yellow, bell shaped flowers; ht 1 to 1½ ft. ....	15c
<b>Delphinium cardinale.</b> (Scarlet Larkspur.) Magnificent perennial; flowers intense bright scarlet; ht 3 to 5 ft .....	10c	<b>Layia calliglossa</b> (Tidy Tips.) A pretty an- nual; flowers yellow, tipped with white; petals daisy-like, but broader, and with serrate tips; ht 6 to 12 in. .	10c
<b>Delphinium Parryi</b> (Blue Larkspur). Beau- tiful annual; flowers bright blue; ht 2 ft .....	15c	<b>Leptosyne Stillmani.</b> A pretty annual, com- pact, bushy, thin-cut leaves; flowers golden yellow, 1½ in. in diameter; ht 1 ft .....	15c
<b>Dicentra Chrysantha</b> (Calif. Bleeding Heart) Perennial; orange yellow; ht 3 to 5 ft ..	15c	<b>Pentstemon Bridgesii.</b> Perennial from San Jacinto Mountains. Narrow, dark green leaves; flowers bright scarlet, long and tube shaped; ht 1½ to 2 ft .....	15c
<b>Dodecatheon Clevelandii</b> (Shooting Star.) Perennial; purple, bordered with yel- low; ht ¾ ft .....	15c	<b>Phacelia Parryi.</b> Annual. Flowers bell-shap- ed, dark violet blue; ht 6 to 12 in. ....	10c
<b>Eschscholtzia Californica</b> (California Pop- py). Annual, one of the most beautiful of our native flowers, a favorite; ht 1 to 1½ ft .....	5c	<b>Platystemon Californicus.</b> (Cream Cups) An- nual; poppy-like; ht 8 to 10 in. ....	5c
<b>Lathyrus splendens</b> (Pride of California). Magnificent perennial climbing pea; produces abundant large rich crimson flowers in clusters of 10 or more; ht 6 to 10 ft. ....	15c	<b>Romneya Coulterii</b> (Matilija Poppy.) The queen of all our native flowers. Peren- nial; flowers pure white and daisy-like, but petals broader and with serrate tips; ht 6 to 12 in .....	10c
<b>Nemophila insignis.</b> (Baby Blue Eyes.) An- nual; sky-blue flowers; ht 4 to 6 in....	5c		

**SOUVENIR COLLECTION, CALIFORNIA NATIVE FLOWER SEEDS.**—15 varieties in sepa-  
rate packets, including many of the above. Mailed free on receipt of **FIFTY CENTS.**

# Tree and Shrub Seed.

**Literature.** We continually receive applications for directions how to grow tree seeds. This is very difficult to answer in such a short space as can be allotted to the subject in a general catalogue, or in a letter, and it is a matter of continual study by our most progressive nurserymen, and the older he gets, or the more experience he has, the more he finds it necessary to pursue his studies on these lines. We append a list, on inside of cover, of a few of the many good works on such subjects, and should our patrons desire such literature we will gladly assist them in their selection, should such give a precise explanation of the special branch of study they want to pursue, as we carry in stock, or can procure very quickly, all books on such subjects.

**Extensive Stock.** We wish to announce that we carry a very complete list of Tree and Shrub Seeds and are continually adding to our varied assortment, and we solicit correspondence from Nurserymen, Park Superintendents, Curators and Botanical Gardens, and Forestry Agents, and collectors of seeds generally.

**All Hard Seeds,** as acacias, locust, Osage orange, etc., should be soaked for 24 hours in warm water, say at 120 degrees, before sowing, or where practicable, strew dry leaves or bushes over the beds after sowing and watering, and set fire to them.

**Deciduous Tree Seeds** should be planted in this section in winter or very early in the spring, as most of these seeds lose their vitality very rapidly. The soil should be well prepared, rich and deep; and the seed should always be sown in drills, and ground kept thoroughly free from weeds. Evergreen tree seeds should be sown in boxes or pans, thoroughly well drained, and should be protected from the sun by being placed under the shelter of a hedge or fence. They are best sown in spring or fall, and should be carefully transplanted when necessary.

**Vitality.** As many tree seeds are collected in distant countries, and will some times fail to germinate, although they may appear well enough to the eye, we wish it to be distinctly understood that we will not in any way be responsible for their failure; but at the same time, we will use every endeavor to supply the best.

All tree and shrub seeds quoted in this list at less than 50c per oz we can supply at 10c per pkt; those quoted at 50c and upward per oz, we can supply at 15c per pkt.

## Australian Tree and Shrub Seeds.

We make a separate category of these, as from their value they are worthy of it. The visitor to Australia, at any season, will at once notice that all the indigenous vegetation is evergreen. The writer does not know one deciduous tree or shrub native to that country. The most valuable are, of course, the Eucalyptus. These possess great antiseptic properties, and are no doubt, also of great value in absorbing moisture from the bottom soils, thus preventing malaria. Their value as rapid-growing timber is also great, some varieties making excellent fuel, while others are nearly unflammable, but are useful in carpentry, and for railway ties, platforms, piles, jetties, etc. Others are very ornamental, bearing showy flowers.



*Acacia decurrens.*

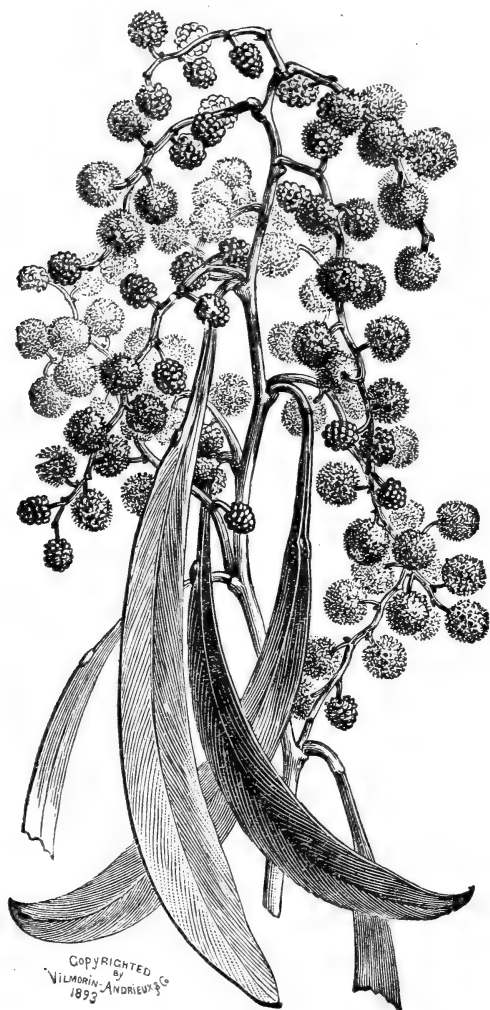
**Acacia armata.** "Prickly Acacia." Much used for hedges. Good for the sea coast; ht 15 ft. Per oz 40c, lb \$4.00.

**A. Baileyana.** A small handsome tree with glaucous green foliage. Leaves pinnate, 3 to 4 pairs; leaflets about 20 pairs,  $1\frac{1}{2}$  to  $2\frac{1}{2}$  lines long, crowded, linear. Flowers in racemes 3 to 4 inches long, yellow. One of the most beautiful of the Acacias and highly recommended for street planting; ht 25 ft. Per oz 60c, lb \$6.00.

**A. cultriformis.** "Knife-leaved Acacia." A distinct and beautiful species of upright growth, forming a large shrub, with glaucous green leaves about  $\frac{3}{4} \times \frac{1}{2}$  inch in size. When in bloom the plant presents a splendid appearance on the lawn; ht 15 ft. Per oz 50c, lb \$5.00.

**A. dealbata.** "Silver Wattle." Very ornamental; ht 15 ft. Per oz 40c, lb \$4.00.

**A. decurrens.** "Green or Black Wattle." A medium-sized tree of rapid growth, very useful for wind-breaks. It is also very rich in tannin. Wood is valuable for fuel, and for turner's and cooper's work; ht 30 ft. Per oz 35c, lb \$3.50.



*Acacia pycnantha*

**A. floribunda.** Ornamental, with very abundant handsome flowers, valuable for lawns, parks, cemeteries, etc; ht 25 ft. Per oz 50c, lb \$5.

**A. latifolia.** A handsome shade tree, succeeding especially well near the sea coast. Leaves broad; yellow flowers. Native of South Africa; ht 40 ft. Per oz 50c, lb \$5.00.

**A. linifolia.** "Flax-leaved." An ornamental shrub, with yellow flowers, growing in heads 2 to 4 together; ht 8 ft. Per pkt 15c.

**A. lophantha.** *Albizzia lophantha*. "Cape or Crested Wattle." One of the most rapid growing trees for first temporary shelter, succeeding in the most desolate places; ht 25 ft. Per oz 15c, lb \$1.25.

**A. melanoxylon.** "Blackwood." In sheltered irrigated glens this tree will reach a height of from 80 to 100 feet, with a trunk several feet in diameter. The timber is very valuable for cabinet makers work; ht 80 ft. Per oz 35c, lb \$3.50.

**A. mollissima.** An abundant blooming tree, very ornamental, suitable for lawns and shrubbery; ht 25 ft. Per oz 40c, lb \$4.00.

**A. ornithophora.** "Kangaroo Acacia." For hedges and windbreaks, making a close impervious hedge; ht 15 ft. Per oz 40c, lb \$4.00.

**A. pycnantha.** "Golden Wattle." (see cut) Of rapid growth, doing especially well near the sea coast, and containing a large quantity of tannin; ht 40 ft. Per oz 30c, lb \$3.00.

**A. saligna.** Small tree of weeping habit, very ornamental; ht 15 to 20 ft. Per oz 40c, lb \$4.00.

**Baronia megastigma.** A beautiful little shrub. Flowers copper color, with a powerful violet odor. Very rare. Seed germinates slowly; ht 2 ft. Per pkt 50c.

**Brachychiton acerifolium.** "Flame Tree." Of fine, sturdy, pyramidal growth, with large, handsome foliage, producing masses of scarlet flowers; ht 25 ft. Per oz 30c, lb \$3.00.

**Casuarina equisetifolia.** "Beefwood." Wood very durable underground for piles and jetties; ht 150 ft. Per oz \$1.00.

**C. quadrivalvis.** "Coast She Oak." Very valuable for sea coast culture, to prevent the inroads of the sea upon sand hills. Of quick growth. Wood valuable for shinglos, etc; ht 60 ft. Per oz \$1.00.

**C. suberosa.** "Erect She Oak." A beautiful shade tree. Valuable for fuel; ht 60 ft. Per oz \$1.50.

**C. torulosa.** "Forest Oak." Wood very valuable for timber, also for fuel, burning to a clear white ash and leaving no cinders; ht 75 ft. Per oz \$1.00.

**Ficus australis.** "Australian Banyan Tree." A fine evergreen tree, very useful for shade and shelter purposes. This and the following variety are hardy in the neighborhood of Los Angeles, but in districts experiencing sharp frosts they should be sheltered until they are 4 years old, and well established; ht 50 ft. Per oz \$1.00.

**F. macrophylla.** "Moreton Bay Fig" or "Long Leaved Rubber Tree." A magnificent ornamental shade tree, with large, bright, glossy green leaves; ht 100 ft. Per oz \$1.00.



**G. robusta.** "Silky Oak or Australian Fern Tree." A well known shade tree, with fern-like foliage and orange flowers, of rapid growth, and capable of resisting drouth to a remarkable degree; ht 150 ft. Per oz 40c, lb \$4.00.

**Pittosporum eugenoides.** A valuable evergreen for lawns, parks or cemeteries, of graceful form, light bright green foliage. Is suitable for tall garden hedges. From South Australia; ht 20 ft. Per oz 50c.

**P. nigricans.** Dark brown; ht 10 ft. Per oz 50c.

**Sterculia diversifolia.** (Brachychiton populneum.) A handsome tree of erect symmetrical growth, with a heavy trunk. The leaves vary much in shape, some being poplar-like, others ivy-shaped, and others slightly or deeply cut. This is without doubt the finest tree for street planting for Southern California, and is being very extensively planted; ht 60 ft. Per oz 60c, lb \$6.00.

**Telopea speciosissima.** "Waratah, or Australian Tulip." One of the most gorgeous and showy shrubs yet introduced. Flowers crimson-scarlet in large heads, which are discernible at a great distance; ht 8 ft. Per pkt 15c.



Grevillea Robusta.

## EUCALYPTUS TREE SEED

### DIRECTIONS FOR RAISING SEEDLING EUCALYPTUS.

Sow seed in spring or summer in shallow boxes in a light, sandy soil with plenty of drainage at the bottom of each box. Cover the seed lightly and protect from the hot sun, but allow plenty of air; water often, but sparingly, especially after seedlings appear, as if too much water is given at one time they will be liable to damp off. When the seedlings are two or three inches high transfer to shallow boxes placing about 1½ inch apart each way, and when large enough to transplant to where they are to remain, and water well the first year. The strong growing kinds can be sown in August, September and October, and are ready for planting out early in spring. Slower kinds, as Eucalyptus amygdalina, etc, sown in spring.

**Eucalyptus amygdalina.** "Messmate Gum." Belonging to this variety are the tallest trees in the world. In Gippsland, Australia, are trees over 400 feet in height. Making first-class timber for flooring boards, scantling, etc., and is well suited for avenue planting. Yields more essential oil than any other variety; ht 400 ft. Per oz 75c, lb \$7.50.

**E. bicolor.** "Black Box." Timber of great strength and durability. Useful for piles and railroad ties; ht 150 ft. Per oz \$1.00.

**Botryoides.** "Bangalay." A stately tree, stems attain 70 or 80 feet without a branch, and a diameter of 6 feet. Timber very durable and used for keels, planking and ribs of vessels, and fencing. Posts from old trees known to last for over 25 years. Thrives near the coast on light soil. Per oz 75c, lb \$7.50.

**E. callophylla.** Ornamental, of rapid growth, with white flowers. Timber also valuable for carpentry above ground; ht 50 ft. Per oz \$1.00.

**E. citriodora.** "Lemon-scented Gum." A fine ornamental tree with lemon-scented foliage, supplying also a useful timber. Being a native of Queensland it is more tender than most other kinds; ht 80 ft. Per oz \$2.00.

**E. cornuta.** "Yate Trke." A rapid growing variety, and very hardy. Wood very durable, heavy and elastic, and considered equal to ash. Highly recommended for alkali land and said to thrive where other varieties have perished; ht 100 ft. Per oz \$1.25.

- E. corymbosa.** "Blood Wood." Wood of dark red color, easily worked while fresh, but when dry becomes very hard. Useful for fence posts and railroad ties, being durable under ground. The numerous gum veins render it of little use for saw purposes; ht 200 ft. Per oz \$1.00.
- E. corynocalyx.** "Sugar Gum." Very ornamental, rapid growing, with dark green leaves. Highly valued in this vicinity. Timber very durable and used for railroad ties or for any purpose where durability is required as it lasts remarkably well under ground. After studying this tree for years we believe we have no variety yet introduced that will equal it in value as a timber tree as its growth, if planted thickly in forest, is remarkably straight and perfect and it will withstand more drought than most other varieties; ht 120 ft. Per oz \$1.00, lb \$10.00.
- E. crebra.** "Narrow-leaved Iron-back." Wood reddish, heavy, elastic and durable, is ant and teredo proof. Useful for railroad ties, bridges and piles; ht 100 ft. Per oz \$1.00.



Eucalyptus as a Wood-Producing Proposition.

- E. diversicolor.** "Karri Gum." From Southwest Australia. A tree of remarkable beauty, perfect shape, rapid growth, and one of the very best for street planting. Furnishes good timber for building, masts, shafts, spokes, fence rails, etc. Not recommended for dry localities or places; ht 300 ft. Per oz \$2.00.
- E. ficifolia.** "Scarlet-flowered Gum." The most ornamental of the family. Flowers bright crimson, produced well above the foliage. One of the most effective trees in cultivation; ht 20 ft. Per 25 seeds 25c, 100 seeds 85c.
- E. globulus.** "Tasmanian Blue Gum." Well known; one of the most useful of all, and a very rapid grower. Planted largely in warm countries on account of its malaria-destroying qualities. Remarkably good for fuel, being easily sawn and split; ht 150 ft. Imported seed per oz 60c, lb \$6.00. California-saved seed per oz 50c, lb \$5.00.
- E. goniocalyx.** "New South Wales Blue Gum." Wood very durable, hard and tough. Much used in its native country by wheelwrights. A rapid grower; ht 200 ft. Per oz \$1 00.
- E. Gunnii.** "Tasmanian Cider Tree." Probably the hardest of the genus. Will stand a considerable amount of frost. Recommended for all elevated and exposed positions. Good for fuel; ht 80 ft. Per oz \$1.00, lb \$12.00.
- E. haemastoma.** "White Gum." Good for fencing and rough building material; also makes a fair fuel. Grows particularly well on sandy soil; ht 150 ft. Per oz \$1.00, lb \$12.00.
- E. hemiphloia.** "Common Box." Wood very hard, strong and durable above ground, also a first-class fuel for all purposes; ht 150 ft. Per oz 75c.

- E. leucoxyton.** "Victorian Ironbark." Very hard, strong and durable, excelling hickory in strength. Recommended for underground work in mines, and for railroad ties, bridges, etc.; ht 100 ft. Per oz \$1.00.
- E. longifolia.** "Woolly Butt." A large tree, of great girth, growing well in any soil. Timber is durable and makes excellent fuel. The leaves yield a volatile oil; ht 200 ft. Per oz 75c.
- E. maculata.** "Spotted Gum." Wood as strong as English Oak. Extensively employed in shipbuilding and wheelwright's work; ht 100 ft. Per oz \$1.00.
- E. marginata.** "West Australian Jarrah." Impervious to teredo and ants and much sought after for jetties and piles, and largely exported for railroad ties. The timber is easily worked and takes a beautiful polish. While it has proven very unsatisfactory in locations where it has been tried in California, its growth should be encouraged, with hope its proper environment will be found, as probably there is no wood more valuable for using under water. It is of no value as fuel; ht 200 feet. Per oz 75c.
- E. melliodora.** "Black Ironbark." Of spreading growth, with a comparatively stout stem, and makes excellent fuel. The young trees are largely used for telegraph poles, and the flowers are much sought by bees. One of the strongest and most durable timbers in the world; ht 120 ft. Per oz \$1.25.

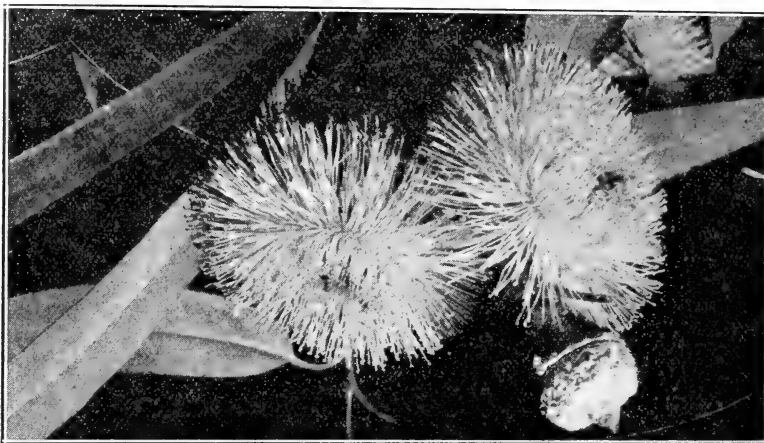


Eucalyptus as a Forest Covering.

[Through the Kindness of Prof. A. G. McClatchie, from his Book, "Eucalyptus Cultivated in the United States."]

- E. obliqua.** "Stringy Bark." A quick grower and produces the best wood for flooring, scantling and shingles; also used in the manufacture of paper. Inferior as fuel, but it makes the best charcoal for the forge; ht 300 ft. Per oz 75c.
- E. obtusifolia.** "Yellow Black Butt." A rapid growing variety, very good fuel. Also used for staves, cooper's and wheelwright's work; ht 120 ft. Per oz 75c.
- E. paniculata.** "White Ironbark." Wood hard and durable, excellent for railroad ties. Also much used for building fencing, as it splits well and is lasting underground; ht 150 ft. Per oz 75c.
- E. pilularis.** "Black Butt." Of rapid growth. One of the best timber yielding species, much used for flooring boards, railroad ties and telegraph poles; ht 300 ft. Per oz \$1.00.
- E. piperita.** "Peppermint Gum." Timber valuable for shingles, fence rails, etc. Yields a greater quantity of oil than any other variety, and is of remarkably quick growth; ht 300 ft. Per oz \$1.00, lb \$12.00.
- E. polyanthema.** "Australian Beech, or Red Box." The timber is much used for mining purposes, and for all underground work, being remarkably hard and durable. Also an excellent fuel. Flowers good for bees. Thrives in temperate and cold climates, withstanding much cold, and succeeds in dry hilly country. Per oz 75c, lb \$7.50.

- E. regnans.** "Royal Mountain Ash." A very scarce variety, growing to a large size, and very hardy. Grows on the hill slopes of the Australian Alps, near the snow line. Timber durable and excellent for fuel; ht 200 ft. Per oz \$1.25.
- E. resinifera.** "Forest Mahogany." A superior timber of large size, prized for its strength and durability. Suitable for tropical climates, likewise cool climates near the coast. Fine for interior house work; ht 200 ft. Per oz \$1.00.
- E. robusta.** "Swamp Mahogany." Thrives best on low grounds, especially near the sea coast. A remarkably healthy, robust variety; ht 150 ft. Per oz 75c, lb \$8.00.
- E. rostrata.** "Red Gum." Well known and highly esteemed in this section. The timber is unsurpassed for durability, and is used for railroad ties, street pavements, ship building, etc.; ht 200 ft. Per oz 60c, lb \$5.00.
- E. rudis.** "Desert Gum." Highly recommended by Prof. A. G. McClatchie of the Experiment Station of Phoenix, Arizona, as a valuable variety for arid regions, withstanding heat, cold and winds, unsurpassed by any other variety; ht 100 ft. Per oz \$1.00, lb \$10.00.
- E. saligna.** "Weeping Gum." Very ornamental. Leaves and general habit are like the "Babylonian Willow." Good for fuel; ht 75 ft. Per oz \$1.00.



Blooms of *Eucalyptus globulus*.

- E. siderophloia.** "Dark or Broad-Leaved Ironbark." Wood very hard, light colored and heavy, of great strength and durability, and is used for railroad ties, spokes, shingles, bridges, jetties, etc. It is stronger than hickory. As fuel, it gives more heat than any other kind; ht 200 ft. Per oz \$1.00.
- E. Sieberiana.** (Virgata) "Mountain Ash." Wood of excellent quality, strong and elastic, and may be used for all purposes where hickory or ash are at present used. It splits easily and is soft to work. Also a most excellent fuel. Grows on mountain tops and stony ridges, sometimes found in low lands; ht 150 ft. Per oz \$1.00, lb \$12.00.
- E. Stuartiana.** "Apple-Scented Gum." A medium-sized tree with drooping branches. Will thrive on any soil. Wood very dark and handsome and takes a good polish. Useful for cabinet work, also good for fuel; ht 100 ft. Per oz \$1.00.
- E. tereticornis.** "Gray Gum." A very handsome, large-growing variety. Wood durable and useful for shingles, flooring, etc. Also an excellent fuel. After years of close study and observation, Prof. McClatchie states he believes this tree to be superior to *E. rostrata* as it makes a straighter trunk and is a better grower; ht 200 ft. Per oz 60c. Per lb \$6.00.
- E. viminalis.** "Manna Gum." A hardy, rapid-growing variety, and well suited for exposed situations. On rich soils it grows to a gigantic size. The wood may be used for ordinary building purposes; also for fuel. The young bark and leaves yield the Australian Manna—a hard, opaque, sweet substance; ht 300 ft. Per oz 75c, lb \$7.50.
- N. B. We are frequently asked to recommend a variety of the *Eucalyptus*. This we hesitate to do, as there are so many things to be taken into consideration, as climate, situation, soil, etc., but to give a general idea of their adaptability, we might mention a few varieties that have particular merit: The *E. Rostrata*, *E. Tereticornis* (which, by the way, are practically the same, being but a slight botanical difference), *E. Corynocalyx*, *E. Rudis* and *E. Polyanthema* being all very valuable and at the head of the list for our interior valleys, where heat, cold and dry winds are to be considered, and the timber of each being valuable, especially of the three first named varieties. In such locations they will probably have to be reared under irrigation. Along the coast and in moist locations the list of available varieties is almost unlimited, and to a great extent will need no irrigation after established. The great variety of purposes the *Eucalyptus* family can be put to, is unequaled, we believe, by any other species of trees. The subject is inexhaustible; for every purpose of utility that other timber is put to, the *Eucalypt*—some variety—is available, and its rapid growth and hardiness in semi-tropic climates renders it the most valuable species of timber tree on the globe.

## CONIFER AND MISCELLANEOUS EVERGREEN TREE AND SHRUB SEEDS.

All seeds quoted at less than 50c per oz we will supply at 10c per pkt; those quoted at 50c and upwards at 15c per pkt.

**Buxus sempervirens.** "Evergreen Box." A hardy, compact growing evergreen of dwarf habit; ht 8 ft. Per oz 20c, lb \$2.00.

**Camphora officinalis.** "Camphor Tree." From this tree the gum camphor of commerce is extracted; ht 50 ft. Per oz 25c, lb \$2.50.

**Cedrus deodara.** "Himalayan Cedar." A noble and beautiful evergreen of pyramidal form, foliage bluish green, graceful and drooping; ht 100 ft. Per oz 50c, lb \$5.00.

**C. Libani.** "Cedar of Lebanon." A most beautiful evergreen for lawn decoration; ht 80 ft. Per oz 50c, \$5.00.

**Cryptomeria elegans.** "Fine-leaved Japan Cedar." Foliage glaucous green, resembling a feathery Araucaria, which in winter turns to reddish brown; ht 50 ft. Per oz 50c.

**C. japonica.** "Jagan Cedar." A splendid conifer for isolated situations on lawns; ht 75 ft. Per oz 30c, lb \$3.00.

**Cunninghamia sinensis.** A lofty evergreen tree, resembling the Araucaria excelsa in foliage, but more feathery and less rigid; ht 100 ft. Per oz \$2.50.

**Cypressus Goveniana.** "Goven's Dwarf Cypress." A native variety from the Coast range around Santa Cruz. Very ornamental; ht 30 ft. Per oz 40c, lb \$4.00.

**C. guadalupensis.** "Blue Cypress." A rapid growing upright variety, with bluish foliage. Very ornamental for lawns and cemeteries; ht 50 ft. Per oz 50c, lb \$5.00.

**C. Lawsoniana.** "Lawson's Cypress." A native variety found in northern California and Oregon. Wood white, fragrant and close grained. Generally known as Oregon, or White Cedar; ht 100 ft. Per oz 40c, lb \$4.00.

**C. macrocarpa.** "Monterey Cypress." Too well known to need description. Useful for hedges, wind-breaks; ht 50 ft. Per oz 10c, lb \$1.00.

**C. sempervirens.** "Italian Cypress." A European variety, very long-lived, and the wood of which is almost imperishable; ht 70 ft. Per oz 30c, lb \$3.00.

**Jacaranda mimosaeifolia.** "Brazilian Jacaranda." A handsome tree with fern-like foliage, and magnificent clusters of light blue flowers. Hardy in this vicinity; ht 30 ft. In pods containing from 30 to 40 seeds. Per pod 5c.

**Juniperus virginiana.** "Red Cedar." A well known American tree; ht 50 ft. Per oz 15c lb \$1.50.

**Hakea Saligna.** A splendid ornamental evergreen shrub-like tree growing some 12 to 20 feet high, with a broad dense growth. Having the appearance somewhat of a sheared Juniper, but of a very bushy habit; of very light green color. Per pkt 25c.

**Libocedrus decurrens.** "California Red Cedar." A very handsome tree, native to the Coast range from San Diego to Oregon. Some fine specimens may be seen in Santa Barbara; ht 100 ft. Per oz 40c, lb \$4.00.

**Ligustrum japonicum.** "Japan Privet." One of the best hedge plants; ht 12 ft. Per oz 15c, lb \$1.50.

**Magnolia grandiflora.** "Large Flowering Magnolia." A native of the southern states, where its presence indicates good soil; ht 100 ft. Per oz 25c, lb \$2.50. (Seed furnished only during the fall and winter.)

**Pinus canariensis.** "Canary Island Pine." Very robust and healthy, with bright green foliage. Grows nearly as fast as the "Monterey Pine"; ht 100 ft. Per oz 35c, lb \$3.50.

**P. Coulterii.** (Macrocarpa.) "Big Cone Pine." A fine native tree, of very robust growth, with bluish gray leaves a foot in length. Has the largest cone of all pines, sugar-loaf shaped and edible; ht 100 ft. Per oz 40c, lb \$4.00.

**P. Douglasii.** (Pseudotsuga.) Collected from trees growing on the mountains in Southern California. One of the most beautiful hardy conifers grown, being much more attractive than Norway spruce and adapting itself to varied conditions of soil and climate, from the low valleys to the higher altitude of the mountains. Per oz 50c, lb \$5.00.

**P. insignis.** "Monterey Pine." This well known native variety is of very rapid growth, and succeeds well in any kind of soil; ht 100 ft. Per oz 25c, lb \$2.50.

**P. maritima.** "Seaside Pine." Well adapted for planting near the sea; ht 60 ft. Per oz 15c, lb \$1.50.

- P. Parryana.** "Mexican Piñon." A small-growing pine, native of lower California mountains, growing on the desert side of the range, withstanding considerable drouth; a very attractive, fine pine. Per oz 50c, lb \$5.00.
- P. ponderosa.** "Yellow Pine." A native variety found in the Coast range at a high altitude. An immense tree, specimens having been found 300 feet high and 15 feet in diameter. The bark is very thick and of a red brown color; ht 250 ft. Per oz 35c, lb \$3.00.
- P. Sabiniana.** "Gray-Leaf Pine." Found in the hot interior foothills of Southern California; of low-branching habit, light gray, glaucous foliage; seeds edible and are highly esteemed by the Indians and even the whites, and are known by the natives as "Piñons" or "Digger Pine." Oz 30c, lb \$3.00.
- P. strobus.** "Weymouth or White Pine." A stately, straight and valuable tree; ht 100 ft. Per oz 40c, lb \$4.00.
- P. sylvestris.** "Scotch Fir." The economic value of this tree is well proven. Growing in the most sterile soils, the humus, or decayed vegetable matter, formed by this tree, will double that from any deciduous variety; ht 100 ft. Per oz 20c, lb \$2.00.
- P. Torreyana.** One of the most beautiful of our native pines. A fine specimen may be seen in cultivation in the Hotel Green grounds at Pasadena; ht 50 ft. Per oz 40c, lb \$4.00.
- Polygala-grandiflora.** A very desirable flowering shrub. Very free blooming and ornamental. Per pkt 25c.
- Parkinsonia Torreyana.** "Palo Verda." A tree that should receive more attention. A wonderful sight when in bloom and a grand lawn subject any time of the year, and will grow without water on our dryest hills and dales. Native trees of which we have in two varieties. Per pkt 25c.
- P. Aculeata.** Very similar to above, both proving hardy in Northern Mexico, Arizona and Mojave desert. Per pkt 25c.
- Schinus molle.** "Mexican Pepper Tree." A well known handsome shade tree, with light feathery foliage, and bright scarlet berries; ht 50 ft. Per oz 10c, lb \$1.00.
- Sciadopytis verticillata.** "Japan Umbrella Pine." Curious and remarkable. Leaves are a dark glossy green, crowded into whorls at the joints of horizontal branches. Very ornamental; ht 60 ft. Per oz 75c, lb \$7.50.
- Sequoia gigantea.** "California Big Tree." The biggest of all trees, and probably the most long lived. Specimens are often found 400 feet high; ht 300 ft. Per oz 75c, lb \$7.50.
- S. sempervirens.** "California Redwood." Well known. Wood reddish, soft, close veined, easily split, light and brittle, but very durable. It luxuriates in the cool dampness of sea fogs. Ornamental for lawns or parks; ht 200 ft. Per oz 50c, lb \$5.00.
- Solanum erectum.** (S. Betaceum.) "Guatamala Tree Tomato." A handsome evergreen of good form, and bearing yellow fruits the size of an egg, with a pleasant sub-acid flavor; ht 8 ft. Per pkt 25c, oz \$3.00.
- Sterculia plantanifolia.** "China Parasol Tree." Very ornamental, with large, plane-like leaves. This makes an excellent tree for avenue or park planting; ht 40 ft. Per oz 30c, lb \$3.00.
- Thuja aurea.** "Golden Arbor Vitæ." A dwarf Chinese variety, compact and globular in shape; top foliage yellowish green; suitable for lawns, cemeteries, etc.; ht 10 ft. Per oz 30c, lb \$3.00.
- T. aurea semper-aurea.** "Ever Golden Arbor Vitæ." Dwarf habit and free growth. Retains its golden color the year round. One of the prittiest dwarf evergreens; ht 8 ft. Per oz 40c, lb \$4.00.
- T. compacta.** "Compact Arbor Vitæ." Handsome dwarf variety, compact, globular form; ht 5 ft. Per oz 35c, lb \$3.50.
- T. occidentalis.** "Emerican Arbor Vitæ" or "White Cedar." A common and well known tree, native of the Atlantic states; ht 50 ft. Per oz 30c, lb \$3.00.
- T. orientalis.** "Chinese Arbor Nitæ." A small, elegant tree, peculiar from its flrttened branches, which are dense and light green color. Valuable for planting on lawns; ht 10 ft. Per oz 25c, lb \$2.50.
- Viburnum tinus.** "Laurus tinus." One of the fines winter flowering shrubs, blooming abundantly during the winter. Also a valuable hedge plant; ht 8 ft. Per oz 15c, lb \$1.50.

## Deciduous Tree and Shrub Seeds.

All those varieties quoted at less than 50c per oz we supply at 10c per pkt.

All those quoted at 50c and upwards we supply at 15c per pkt.

- Calycanthus floridus.** "Carolina Allspice." Pemarkable for the scent of its flowers, which resemble that of the ripe fruit. Will grow in almost any soil. Flowers brown; ht 4 ft. Per oz 20c, lb \$2.00.
- Catalpa speciosa.** "Indian Bean Tree." A rapid-growing tree, good for timber claims. Flower white and purple; ht 50 ft. Per oz 15c, lb \$1.50.



- Ceretonia siliqua.** "St. Sohn's Bread." The Carob or Locust Tree of Scripture, with yellow flowers and edible saccharine pods, which are very fattening; ht 30 ft. Per oz 15c, lb \$1.50.
- Fraxinus velutina.** "Arizona Ash." A variety largely used through the arid West as a shade and street tree, large quantities being planted in Arizona and New Mexico as street trees, which make remarkable quick growth and stand the heat and dryness well. Per oz 35c.
- Gleditschia triacanthos.** "Three-Thorned or Honey Locust." Hardy and of rapid growth. Will form an impenetrable hedge. Seeds should be soaked in boiling water before sowing; ht 60 ft. Per oz 10c, lb 60c.
- Lagerstroemia indica.** "Crape Myrtle." A favorite tree in this vicinity, bearing rose-colored flowers in great profusion; ht 20 ft. Per pkt 15c.
- Maclura aurantiaca.** "Osage Orange." A well known hedge plant; ht 40 ft. Per oz 10c, lb \$1.00.
- Melia azederach speciosa.** "True Texas Umbrella Tree." Of very rapid growth, with long pinnate leaves, and wood of a reddish color, resembling the ash, durable and makes excellent fuel. Thrives in dry soils. Valuable for avenue planting; ht 40 ft. Per oz 10c, lb 75c.
- Paulownia imperialis.** "Empress Tree." Very rapid growing when young. It afterwards forms a broad flat head. Flowers violet, trumpet-shaped and fragrant; ht 30 ft. Per oz 30c, lb \$3.00.
- Prunus seratina.** "Wild Black Cherry." A fine ornamental tree having the general appearance of our wild plum of California. Very hardy and a fine lawn subject. Per oz 20c, lb \$2.00.
- Robinia pseudo-acacia.** "Yellow or Black Locust." Well known in this section; valuable for fuel and timber. One of the best trees with which to plant timber claims; ht 60 ft. Per oz 10c, lb 50c.
- Syringa vulgaris.** "Purple Lilac." The common variety. One of the best; flowers and young foliage fragrant; ht 15 ft. Per oz 25c, lb \$2.50.
- S. vulgaris alba.** "White Lilac." One of the best white varieties; ht 15 ft. Per oz 25c, lb \$2.50.
- Viburnum opulus.** "Snowball," or "Guelder Rose." An interesting shrub, with compact heads of snowy white flowers; ht 15 ft. Per oz 20c, lb \$2.00.

## FRUIT SEEDS.

### CULTURAL DIRECTIONS.

- Apple, Pear and Quince.** The seeds of these varieties may be planted any time during the winter or early spring. Soak the seeds in tepid water for 3 days, and change the water each day, or soak in cold water for 8 or 9 days, then sow lightly in drills 2 feet apart.
- Cherry, Plum, Peach, Almond, Etc.** The cultural directions given for the walnut, so far as germinating the seed is concerned, may be followed; should, however, the quantity be small, the pits may be placed in layers in boxes placed on the ground in a sunny exposure. Sprinkle over each layer a coating of sand. Layers may be 4 to 6 deep. Keep constantly moist, but not soaking. As the young plants appear above ground, they should be carefully removed and planted in nursery rows 3 feet apart. A cloudy day is most suitable for this work.
- Walnut.** The culture of the walnut is the same as for stone fruits. The seed may be planted in beds during the winter or spring, covering about 1 inch deep, and kept moist, but not, until they germinate, which will be in about 3 or 4 weeks, according to the temperature. As soon as they crack and show the sprout, they should be transplanted to the nursery rows, 4½ to 5 feet apart, and 6 inches apart in the row. They will grow the first year without irrigation 6 to 12 inches, and with irrigation 8 inches to 4 feet; the second year from 4 to 8 feet with irrigation. If ordered by mail 10c per pound additional will be charged to cover postage. Prices subject to fluctuation. Quotations for large quantities given on application.
- Almond, Hard Shelled.** (*Prunus amygdalus communis*.) Per lb 25c, 100 lbs market price.
- Apple.** (*Pyrus malus*.) Useful as a grafting stock. Per oz 10c, lb 60c.
- Apple, French Crab.** A superior stock. Per oz 10c, lb \$1.00.
- Adricot.** (*Prunus armeniaca*.) Price on application.
- Cherry, Mazzard.** (*Cerasus communis*.) A hardy stock. Per oz 10c, lb 50c.
- Loquat.** (*Eriobotrya japonica*.) Seed supplied in season. Per oz 10c, lb 40c. Procurable only in spring.
- Peach.** (*Prunus amygdalus persica*.) From budded stock. Price on application; lb 10c.
- Peach Seedling.** (*Prunus amygdalus persica*.) Price on application.
- Pear.** (*Pyrus communis*.) Used as a stock. Per oz 20c, lb \$2.00.
- Plum, Myrabolan.** (*Prunus communis*.) A splendid stock on which to graft other varieties. Per oz 10c, lb 50c.

**Quince.** (*Cydonia communis*.) Quinces generally produce the same variety from seed, but occasionally vary. The stock is much used for budding and grafting the pear. Per oz 25c, lb \$2.50.

**Walnut, Soft-Shelled.** (Var. or *Juglans regia*.) A superior variety. Per lb 20c, 100 lbs \$17.50.

**Fresh Orange Seed.** Taken from ripe fruit, thoroughly washed and cleansed from pulp. One pound contains about 1500 seeds. Per lb 75c. Only during spring months.

### Small Fruit Seeds.

**Currant, Black.** Per pkt 10c, oz 50c. **Red.** Per pkt 10c, oz 40. **Large Mixed.** Per pkt 10c, oz 40c.

**Gooseberry.** Large English mixed. Per pkt 10c, oz 75c.

**Guava, Strawberry.** (*Psidium Cattleianum*.) Sow in boxes and transplant when 2 inches high to pots. Per pkt 10c, oz 30c, lb \$3.00.

**Raspberry.** Finest sorts mixed. Per pkt 10c, oz 40c.

**Strawberry.** Large mixed. Per pkt 10c, oz 50c. **Red Alpine.** This is the European wild strawberry. Per pkt 10c, lb 75c.

## Palm and Other Decorative Plant Seeds.

As many of the seeds of this class of plants are not reliable unless fresh, and as the varieties do not reach us very regularly from the collectors, we trust our customers will not feel disappointed if they do not receive all of the varieties they may order. We promise, however, to book such varieties as we cannot supply, and forward them promptly upon arrival. As it is impossible to test the vitality or genuineness of this class of seed, we cannot hold ourselves in any way responsible for the results of crops. As many varieties of palms take a long time to germinate, we advise patience and careful attention to attain successful results.

### Palm Seeds.

Palms are among the finest and handsomest of all plants. In a young state they do not show their distinctive characters.

**Areca.** A genus of elegant pinnate-leaved palms, which are widely distributed over the earth, some of the species being found in the East Indies, while others occur in the West; they exist also in the Island of Mauritius and its dependencies, in the Island of Madagascar, in New Zealand and in Australia.

**A. Bauerii.** (*Seaforthia robusta*.) Not very hardy in this climate, except under glass. A native of Norfolk Island. Per 10 seeds 26c, 100 \$2.00.

**A. lutescens.** An extremely beautiful plant, with arching pinnate leaves; will not stand frost. A native of the Mascareen Islands. Per 10 seeds 25c, 100 \$2.00.

**A. rubra.** The leaves are pinnate and arching; in a young state bright red, changing with age to dark green. Native of the East Indies; not hardy out of doors. Per 10 seeds 25c, 100 \$2.00.

**Chamaerops.** The various species of *Chamaerops* are found scattered through Southern Asia, Northern Africa, Semitropical North America and the South of Europe. Leaves fan-shaped; fruit a one-seeded berry.

**C. canariensis.** A handsome palm worthy of cultivation, either for lawn or for pot culture. Per 10 seeds 15c, 100 \$1.00.

**C. excelsa.** "Hardy Fan Palm." This palm grows to the height of from 20 to 30 feet; leaves fan-shaped; trunk enclosed by a dense mass of rough fibers. Native of the East Indies. Per oz 15c, lb \$1.50.

**C. humilis.** "Dwarf Fan Palm." An extremely handsome plant. Native of Southern Europe. Per oz 20c, lb \$2.00.

**Cocos.** An elegant genus of a noble order, many species of which grow to majestic proportions.

**C. australis.** "Brazilian Palm." One of the hardiest of all palms, hardier than even the Date Palm; withstanding, unprotected, a cold at which oranges or lemons are injured or destroyed. Per 10 seeds 30c, 100 \$2.50.

**C. campestris.** A hardy, handsome variety, well suited for open air planting; is one of the most desirable of pinnate-leaved palms. Per 10 seeds 30c, 100 \$2.50.

**C. plumosa.** This species attains considerable size, rising upon a stout, straight column-like stem some 40 or more feet. Fruit drooping; bunches of waxy flowers, which are succeeded by quantities of orange-colored nuts enclosed in an edible pulp, in size about as large as a chestnut. Leaves pinnate. Native of Brazil. Does well out of doors in this climate. Per 10 seeds 40c, 100 \$3.00.

**C. Weddelliana.** This is perhaps the most elegant palm we have in cultivation. The stem is slender, and clothed with a quantity of black, netted fibers; leaves are from 1 to 4 ft or more in length, and beautifully arched. For table decoration there is no palm to compare with it. A native of South America. Per 10 seeds 50c, 100 \$4.00.

**Corypha australis.** (*Livistona australis*.) A stately Fan Palm with slender trunk, from East Australia. Hardy in Southern California; several fine specimens may be seen in Los Angeles. Per 10 seeds 20c, 100 \$1.50.

**Erytha armata.** (*Brahea glauca*.) "Blue Palm." One of the most elegant Fan Palms, from the islands of Lower California. Leaves glaucous blue. Hardy. Per 10 seeds 25c, 100 \$2.00.

**E. edulis.** (*Brahea edulis*.) A rapid-growing variety from the Guadalupe Islands. Fan-shaped leaves bright green. Hardy. Per 10 seeds 15c, 100 \$1.00.

**Kentia Belmoreana.** This fine palm is a valuable addition to our collections; its leaves are pinnate, dark green, and so beautifully crisp as to gain for it the name of "Curly Palm." It is very elegant and graceful in habit, a native of Lord Howe's Island, where it attains a height of 40 feet. Per 10 seeds 40c, 100 \$3.00.

**K. canterburyana.** This is truly a handsome species, native of Lord Howe's Island, with pinnate leaves and a very robust habit. It is called in its native country the "Umbrella Palm." It is an exceedingly ornamental plant, and well adapted to decorative purposes. Per 10 seeds 50c, 100 \$4.00.

**K. Forsteriana.** In its native country this plant is known as the "Thatch-Palm," on account of its leaves being used for thatching houses. It is a robust-growing species, often attaining a height of from 40 to 50 feet. Leaves pinnate, and very deep green; native of Lord Howe's Island. Per 10 seeds 40c, 100 \$3.00.

**Latania barbonica.** Native of the Isle of Bourbon. Leaves large, fan-shaped, armed edges, and enveloped at the base in a network of brown, fibrous tissues. It is a beautiful lawn plant, and when grown in large tubs or pots, this palm is the one best suited and most largely used for the decoration of hotel verandas; hardy. Per oz 25c, lb \$2.50.

**Oreodoxa regia.** "Royal Palm." Native of Cuba. This noble plant attains a height of 60 feet. Leaves pinnate. Is largely grown for house decoration, but can scarcely be considered hardy out of doors here. Per oz 25c, lb \$3.00.



*Washingtonia filifera*—In its Native Forest.

**Phoenix canariensis.** An elegant and most hardy variety of the date palm, much used around Los Angeles for lawns. Very handsome and durable. Per 10 seeds 10c, 100 50c.

**P. dactylifera.** The Date Palm: is an erect, handsome palm. Native of Northern Africa and tropical Asia, where the palm attains a height of 80 feet. Lives to a great age, and yields the date fruit of commerce; hardy. Per oz 10c, lb \$1.00

**P. reclinata.** A very fine, large-growing species; leaves pinnate. Largely used in Nice, Cannes, and and in the south of France for avenues; also the best for that purpose here, as it will stand severe frosts. A native of the Cape of Good Hope; hardy. Per 10 seeds 15c, 100 \$1.00.

**P. rupicola.** This is one of the most exquisitely graceful palms, and in elegance takes a similar place to that of *Cocos Weddelliana*. It is of acaulescent habit, with wide-spreading, arching, pinnate leaves; a most valuable acquisition. Native of East Indies; hardy. Per 10 seeds 20c, 100 \$2.00.

**P. tenuis.** This is a very hardy, elegant, and desirable variety of Date Palm, with long, bright sea-green leaves; much used for lawn planting. Per 10 seeds 15c, 100 \$1.00.

**Ptychosperma Alexandrae.** "The Alexandra Palm." This is an extremely handsome palm, although a somewhat slender-stemmed species. Leaves pinnate and beautifully arched; light green. Native of Australia, where it attains a height of 100 feet. This variety will not stand much frost, but is very ornamental for pot culture. Per 10 seeds 25c, 100 \$2.00.

**Seaforthia elegans.** One of the most elegant of the palm family, and one of the finest subjects in cultivation for the conservatory, greenhouse or sub-tropical garden. Height 20 feet. Leaves from 2 to 10 feet in length; dark green. It stands quite a low temperature. Native of New South Wales. Per 10 seeds 15c, 100 \$1.00.

**Washingtonia filifera.** The well known California Fan Palm, which also goes under the names of *Pritchardia filamentosa* and *Brahea filamentosa*; very hardy. Per oz 10c, lb \$1.00.

**W. robusta.** A robust Fan Palm, similar to *W. filifera*, but with smoother and darker green leaves, without threads. Per oz 25c, lb \$2.50.

## Seeds of Decorative Plants.

**Agave.** Six fine varieties, viz., *deserti*, *lechequilla*, *Palmeri*, *Schottii*, *Shawii* and *virginica*. Each per pkt 15c. The collection of six varieties for 75c.

**Dracaena australis.** (*Cordylina*.) A palm-like tree growing to a considerable height; the stem is stout; leaves from 2 to 3 feet in length, oblong, lanceolate, and bright green; splendid for avenues. Native of New Zealand. Per pkt 15c, oz 75c.

**D. Draco.** Yields the "dragon's blood" resin of commerce. The stem of this species is stout at the base, leaves closely set, 18 inches in length and 2 broad; thick, fleshy, dark green, and ending in a lodg, thin unarmed point. A native of the Canary Islands; hardy. Per 10 seeds 10c, 100 50c, 1000 \$4.00.

**D. indivisa.** (*Cordylina indivisa*.) Sometimes called *Dracaena stricta*. A most graceful palm-like tree, suitable for decoration either in or out of doors. Fine for avenues. Native of New Zealand. Per oz 35c, lb \$3.50.

**Musa ensete.** "Abyssinian Banana." Native of the mountain regions of Abyssinia. This magnificent plant attains a height of 30 feet, the leaves occasionally reaching a size of 20 feet in length by 3 in breadth. This plant produces no suckers and requires several years to come into flower and seed; it then dies off like the Sago Palm, the Caryota Palm, and others which flower but once without reproduction from the root. Per 10 seeds 15c, 100 \$1.00.

**Pharmium tenax.** "New Zealand Flax." Ornamental and useful; the leaves may be shredded while green into a fiber that may be used for tying purposes. Per pkt 10c, oz 50c.

**P. tenax variegata.** A variegated variety of the above. Very ornamental. Per 10 seeds 10c, 100 5c.

**Yucca.** Six fine varieties, viz., *alba marginata*, *baccata*, *brevifolia*, *clitocarpa*, *elata* and *Whipplei*. Each, per pkt 15c, the collection of six varieties for 75c.

**Y. quadricolor.** A large and magnificent kind. The upper surface creamy yellow, in the center tinged with crimson and orange yellow, and broadly bordered with dark shiny green. A native of Mexico; hardy. Per 100 seeds 25c, 1000 \$2.00.

## PLANT DEPARTMENT.

### CONCERNING TRANSPORTATION.

The prices quoted on plants and trees does not include postage or transportation charges, so please take this into consideration in making up your orders. We will gladly make estimation on cost of packing and transportation charges, if lists of wants are submitted. Carefully read the following item concerning transportation.

All plants sent by express at the expense of the purchaser unless specially ordered otherwise; or where in our judgement the expressage would be too costly. We earnestly request our customers always to have their plants sent by express (except, perhaps in the case of heavy-balled shrubs or trees, or where express charges are very high), as our system of light packing makes the charges comparatively low, and they almost invariably arrive in perfect order when thus sent. In the case of small plants we will send by mail if desired, but larger and finer plants can be sent better by express than by mail, which will more than repay the expressage. Express companies give special rate on boxed plants, which is one-third less than ordinary merchandise rate. When charges are prepaid there is a special rate of 8c per pound to any point in the United States.

### Decorative Plants.

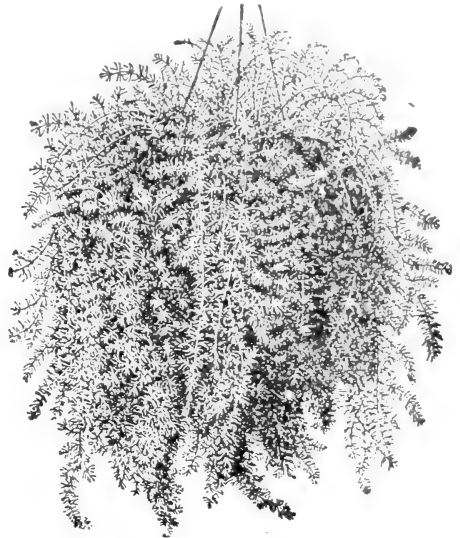
**Xspidistra lurida.** Native of China, remarkable for producing its flowers under the surface of the earth. The leaves of this variety are long, broad, shining dark green. A splendid house plant. There is absolutely no other that will stand more ill-treatment, such as dust, dry air, want of light, etc. Each 35c to \$3.00.

**A. elatior variegata.** The foliage of this variety—green with broad stripes of white—contrasts finely with ornamental foliage plants. For the production of well-marked plants, the pots in which they are grown should be small, and the soil liberally mixed with sand. Each 50c to \$2.00.

**Anthericum vitutum variegatum.** Elegant mouse plant from Cape of Good Hope: has foliage of a bright grassy-green color, beautifully striped and margined with creamy white. In variegation and habit it closely resembles *Prandanus Veitchii*, but is of more rapid growth and easy cultivation. Each 25c to 75c.



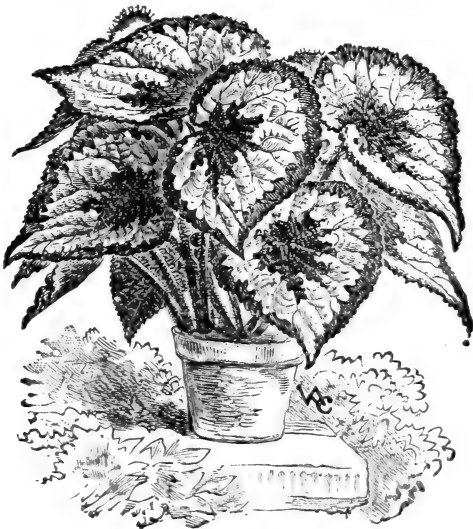
Anthericum.



Asparagus Sprengeri.

**Asparagus Sprengeri.** This is one of the most distinct of all the indoor species of *Asparagus*; the cut conveys but a faint idea of its exquisite beauty and it is simply impossible to overpraise it. It is not at all like the other species offered. Its plume-like growths, of a fresh light or apple-green hue, are thrown up in a free manner to a length of 3, 4 or even 8 or 10 feet, drooping gracefully and naturally from pot or hanging basket. It remains fresh all the year round, and in winter adds the charm of numerous red berries. For all indoor decorative purposes it is invaluable. In water it will remain quite fresh for 6 weeks after cutting, and we have had it remain fresh on the walls perfectly dry for 2 weeks. Everybody should grow it. Each 35c. A fine assortment in 8-in. pots, 75c. Larger, \$1.00 to \$2.00. Wire baskets, \$1.50; earthen baskets, \$1.25.

**A. plumosus.** A beautiful climbing plant with dark green, graceful foliage, surpassing Maiden Hair fern in grace, delicacy of texture and richness of color. The fronds are 12 to 15 inches in length, flat in form and taper to a point from a width of 12 inches. It is one of the handsomest of all foliage plants. Commonly called Asparagus Fern. Each 25c to \$1.50.



Rex Begonia.



Begonia Margentea guttata.

## Bamboos.

The genuine bamboo should be grown by every farmer. The time will come when these giant reeds will be found as useful here as in other countries, where they are considered necessities. They grow to perfection in well-drained, deep rich soil, and are very ornamental. Many of the varieties are now quite common. There is, however, some confusion concerning their nomenclature, hence many varieties are known under several names. This class of plants are very different in their habits, some growing to great heights, while others make canes but a few feet long.

**B. metaka.** A very hardy variety; well adapted to use as a screen for back yards. Each 50c to \$1.00.

**B. nigra.** (Black.) Stems of a jet black color; ht about 15 ft. Each 50c to \$1.00.

**Bambusa aurea.** (Golden.) Stems golden yellow, thickly jointed at the base; ht about 12 ft. From northern China. Each 75c to \$2.50.

**B. vulgaris.** A giant bamboo attaining a height of 70 feet and over 4 inches in diameter. Strong established plants. Each \$5.00.

## Begonias.

All the species of begonias are interesting and beautiful ornaments for the conservatory or window, and well adapted to amateur cultivation, their culture being very simple in any rich soil if allowed an abundant supply of water.

### REX VARIETIES.

A fine assortment of beautiful varieties. Each 25c to \$1.00.

### FLOWERING VARIETIES.

Each 25c to 75c.

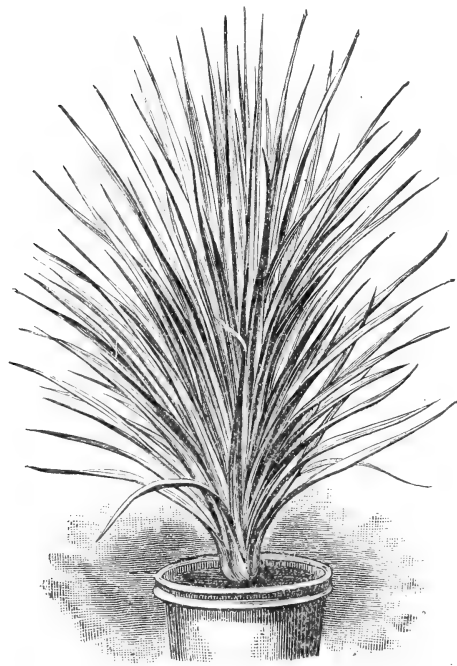
**Begoia argentea guttata.** This variety is an introduction of M. Lemoine, and is a cross between Olbia and Alba picta. This beautiful sort has the silvery blotches of Alba picta, and the grace and beauty of growth of Olbia. It has purple-bronze leaves, oblong in shape, with silvery markings.

**B. nivea.** (New.) This new variety is an advance in flowering begonias. It is a constant bloomer, of dwarf bushy habit and a vigorous grower, with large dark-green leaves, and is constantly covered with large clusters of rosy-pink flowers.

**B. rubra.** One of the finest shrubby begonias in cultivation; has dark, glossy green leaves; scarlet flowers produced in abundance; stout, upright habit.

**B. Thurstoni.** A beautiful, stately plant, with remarkably handsome foliage. The underside of the leaves is a rich purplish-red, the veins are very prominent, while the face, or upper side, is a bronzy-green.

**B. Marjory Daw.** A beautiful rose-red, very strong grower, and similar to *B. rubra*, which is its parent.



*Dracaena Indivisa.*

## Dracaena.

Dracaenas (Cordylines) rank among the most beautiful and useful of the ornamental foliaged and fine leaved plants. In a large or small state they are alike elegant and attractive. All are admirably adapted for decorative purposes, excellent for jardinières, baskets, window gardens, or the conservatory.

**Dracaena Braziliensis.** A sturdy, quick-growing Dracaena, with broad green leaves, and stout stem and leaf stalks. As a decorative plant it has few superiors. A fine house plant. Each 75c to \$1.00.

**Dracaena Carmonalis.** A very slender-stemmed ornamental variety, with very glossy lily-like foliage, and one of the very few that sucker up from the stem close to the ground. Nice plants \$1.00 to \$1.50.

**D. australis.** A palm-like tree growing to a considerable height, stem stout; leaves 2 to 3 feet in length. Fine for avenues. Each 35c to \$3.00.



- D. indivisa.** Narrower, longer leaves than the preceding. Fine for hall or porch decoration. In 5-in. pots, each 35c to 50c; balled \$1.00 to \$3.50.
- D. terminalis.** A splendid plant for house and window decoration, with bright, tropical-looking foliage of rich crimson color; beautifully marked with white and pink in well developed plants. Each 25c to \$.00.

## Ferns.

No collection of plants is complete without ferns. Their popularity has greatly increased during the past few years, and now they are indispensable in all floral decorations, and are especially valued as room and table ornaments. Where there is shade and moisture most of the varieties succeed well when planted out of doors. Good drainage must be provided, as stagnant water is fatal to success. The plants we offer are in 4, 5 and 6 inch pots, and well established.

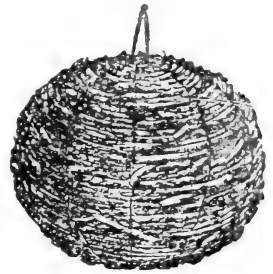
**Adiantum cuneatum.** One of the most beautiful of all the Maiden Hair Ferns, and the one most popular and most generally grown by florists for decorations. Each 35c to \$1.00.

**Asplenium bulbiferum.** "Bulb-bearing Fern." An exceedingly beautiful and interesting variety. Has the very singular property of bearing little bulbs on its surface from which the young plants are formed. Each 50c to \$1.50.

**Cytomium falcatum.** (Aspidium.) "The Holly Fern." So called because its bright, glossy-green foliage resembles holly. Each 35c to \$1.00.

**Nephrolepis cordata compacta.** In our estimation this variety is the finest of all the sword ferns; it is of free, strong growing, compact habit, attaining when fully grown a height of about 2 feet. Each 50c to \$1.50.

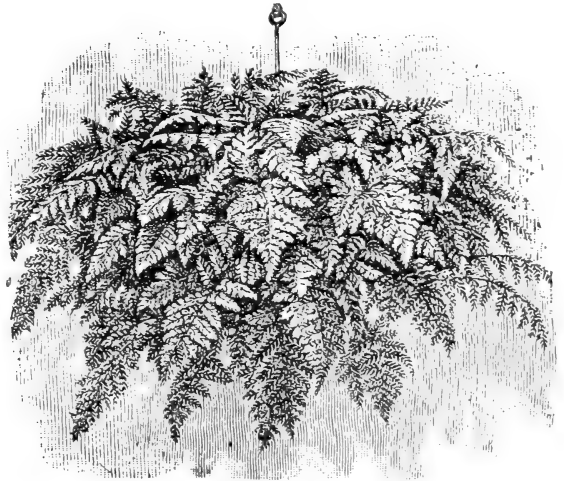
**N. exaltata.** The true Sworn Fern. In well grown specimens the fronds attain a length of 6 or 7 feet but only 1 to 3 inches wide, and, like plumes, arching over in every direction in a most graceful manner. Each 35c to \$1.00.



Fern Ball—Dormant.



Sword Fern.



Japanese Fern Ball.

**N. exaltata Bostoniensis.** Known as the Boston Fern. This is decidedly the favorite for growing in hanging baskets, wall-pockets and tall jardinières. Its long, broad arching fronds show to grand effect. Each 50c to \$2.50.

**N. Phillipense.** A compact, dense growing variety of dwarf habit, with pretty, upright fronds. Each 35c to 75c.

**Polypodeum aureum.** A noble sort with large fronds which are of a bluish tint, deeply cleft and borne on stout brown stems. Each 50c to \$1.00.

**Pteris tremula.** One of the finest for house decoration, growing very rapidly and throwing up large, handsome fronds; makes magnificent specimens; easily grown and very popular. Each 35c to \$2.00.

**P. longifolia.** A variety of late introduction. Fronds somewhat resembling a cycad. Each 35c to \$1.00.

**Japanese Fern Ball.** Of these we have a fine lot of perfect balls. During winter and early spring these are dormant, but on approach of warmer weather they will again burst into growth and are very fine. Each 75c to \$1.00.

## PALMS.

This family are fitly called Princes of the "Vegetable Kingdom." Their beautiful characteristics, grandeur and graceful beauty place them at the head of decorative plants. For description of those varieties listed but not described here, see palm seed list appearing elsewhere.

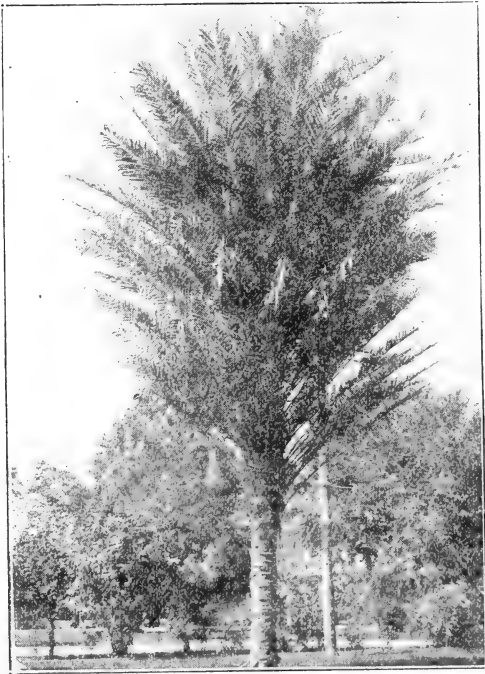
**Chamaerops excelsa.**—"Hardy Fan Palm." In 5-in. pots, 50c; larger plants, according to size, up to \$5.00.



*Cocos Plumosa.*

**Cocos australis.**—"Brazilian Palm." In pots, each \$3.00 to \$8.00.

**C. plumosa.**—In 6-in. pots, each \$5.00.



*Phoenix Dactylifera.*

**Corypha australis** (*Livistona australis*).—In 6-in. pots, 1½ to 2 ft. high, each \$1.00 to \$2.00; larger plants, balled, each \$2.50 too \$5.00.

**Cycas revoluta.**—A decorative plant, without a rival for indoor and outdoor use. Its noble and majestic habit is most impressive; very hardy, resisting alike the gas, cold and dust to which decorative plants must frequently be exposed. Any good garden soil will suit it. Pots should be well drained and water applied sparingly during the winter. Each \$1.50 to \$20.

**Erythea armata.**—(*Brahea glauca*).—The "Blue Palm." In 6-in. pots, each \$1.50; larger plants according to size, up to \$5.00.

**Erythea edulis** (*Brahea*).—One of the finest Fan Palms grown, and now being extensively planted in Southern California. It also makes a fine plant for decoration and stands well in pots without turning yellow. In 3-in. pots 1 to 1½ ft. high, without characteristic leaf. Each 25c; larger plants, 50c to \$5.00.



*Kentia.*

**Kentia Belmoreana.**—Very graceful, thrives well in pots, and is one of the best palms for house culture. In 4-in. pots, 1 to 1½ ft. high, each \$1.00; in 6-in. pots, 2 ft., \$1.50 to \$2.00; stronger plants, 3 ft., \$2.50 to \$3.00; large specimen plants, \$500 to \$25.00.

**K. Forsteriana.**—Similar to the above and of equal value as a house plant. Prices the same.

**Latania borbonica.**—"Chinese Fan Palm." In 3-in pots, 75c; 4-in pots, \$1.00; large plants, \$1.50 to \$7.50.

**Phoenix canariensis.**—One of the most beautiful palms for planting on lawns and in parks; many fine specimens may be seen in Los Angeles. It is also a fine house palm. We have a very extensive stock from small plants in 3-in. pots to large plants in tubs, 12 ft. high, and ranging in price from 25c to \$25.00.

**P. dactylifera.**—Each according to size, 25c to \$3.00.

**P. reclinata.**—In 8-in. pots, each \$1.25; larger plants in tubs, \$2.50.

**Rhapis flabelliformis.**—A native of China and Japan; of slender habits, 3 to 4 feet high;

valuable for house decoration and for small groups on lawns. In 6-in. pots, each \$1.50; 7-in. pots, \$2.50; 10-in. pots \$5.00.

**Seaforthia elegans.**—In 4-in. pots, each 35c; 6-in. pots, \$1.00 to \$1.50; a few specimen plants, each \$5.00 to \$7.00.

**Washingtonia filifera.**—"California Fan Palm." In 4-in. pots, each 25c; 6-in. pots, 50c; in cans and boxes, 75c to \$1.50.

**W. robusta.**—In 4-in. pots, each 25c; 6-in. pots, 50c to 75c; in cans and boxes, 75c to \$2.00.

## AGAVES, YUCCAS, ETC.

**Agave Americana.**—The well known so-called "Century Plant." Plain glaucous-green leaves. Each 25c to \$1.00.

**A. variegata.**—Same as above, with a white or light-colored stripe through the leaf. Each 25c to \$1.50.

**A. decipens.**—A dwarf variety with dark olive-green leaves. Each 50c to \$1.00.

**Dasyliroion gracile.**—An admirable plant for sub-tropical gardening or indoor decoration. Each 50c to 75c.

**Pandanus utilis.**—"Screw Pine." One of the most beautiful and useful decorative plants

that can be grown. For majesty of form and gracefully arranged foliage it is almost without an equal, while its vigorous constitution enables it to stand more neglect, without serious injury, than almost any plant we know of. Each 50c to \$2.00.

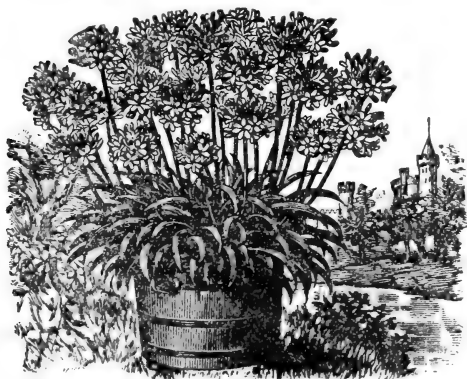
**P. Veitchii.**—Is even more attractive than the foregoing. The leaves are light-green, beautifully and gracefully curved. Each 75c to \$2.50.

**Yucca aloefolio variegata.**—An erect-growing plant. Leaves variegated. Each 75c to \$1.00.

**Y. glauca pendula.**—A very decorative variety. Each 75c to \$2.00.

## PLANTS FOR BEDS AND BORDERS.

**Agapanthus umbellatus.**—(See cut.) "Blue African Lily." A royal plant and flower in every sense of the word. Each crown produces an abundance of dark green, waxy, amaryllis-like leaves which last for years, and throws up flower stalks 2 or 3 feet high, crowned with immense umbels of from 30 to 100 exquisite long-tubed lily-like flowers of a lovely sky-blue color, which remain unfaded for weeks. Each 25c to 50c.



Agapanthus umbellatus

**Arctotus Grandis.**—A daisy-like plant; very free bloomer; 25c.

**Ageratum.**—"Princess Pauline," light blue. Per dozen, 75c.

**Alternanthera.**—In variety. Per dozen, 50c; 100 \$2.50.

**Columbine.**—A very showy bedding plant, growing about 1½ ft. high, blooming freely during spring and through early summer; fine for cutting and bouquet work; foliage is also very showy, even when there are no flowers. We have a fine stock, in 3 and 4 in. pots, 20c. each; 6 for \$1.00.

**Coreopsis Lanceolata.**—A very nice yellow flowered plant, blooming all summer, 20c. each; 6 for \$1.00.

**Caryopteris-Mastacanthus.**—Verbena shrub or Blue Spirea, a very pretty shrubby plant, growing 2 to 3 feet and a good, constant bloomer; 25c. each; 5 for \$1.00.

**Daisy.**—Assorted colors. In flats of 100 each \$2.

**Delphinium cardinale.**—"Scarlet Larkspur." In pots, each 50c.

**Dianthus chinensis.**—"China Pink." All colors. Per doz 75c; in flats of 100 each \$2.50.

**Geranium, Ivy-Leaved.**—Charles Turner, bright pink, the best of its color. Probably no geranium grown here is so universally used in beddi ngor on walks as this variety.

**Geraniums.**—All the standard sorts. Per doz 65c to \$1.50.

**Gypsophila paniculata.**—Much used for bouquets. Per doz 75c.

**Lobelia.**—In variety; useful for edging flower beds. Per doz 25c, 100 \$1.50.

**Pansy.**—The finest strains; all colors. Per doz 25c, 100 \$1.75.

**Petunia.**—Large single fringed, Giants of California, and double fringed, in finest assorted colors. Each 15c, doz \$1.50.

**Phlox Drummondii.**—Mixed colors; useful for bedding. Per doz 50c, 100 \$2.00.

**Pyrethrum parthenifolium aureum.**—"Golden Feather." Pretty golden yellow foliage, used for edging. Per doz 25c, 100 \$1.50.

**Salvia Splendens.**—Flowers brilliant scarlet, the standard variety for bedding. Each 10c, per doz \$1.50.

**Verbena, Mammoth.**—A great favorite for bedding purposes; different colors. Each 10c per doz 75c.

## Perennial Phlox.

This is one of the most hardy of bedding plants. Should be grown somewhat like Chrysanthemums, and can be increased in same manner. We are for the second time listing this valuable bedding plant, and its gorgeous display of beautiful clusters of flowers, through the entire summer, well repays one for giving it a prominent position. Any of the following varieties at 20c each, \$2.00 per doz; 20 plants, our selection, in 10 varieties, \$2.50. Please order by number.

1. Aquilon.—Fine dark crimson.
2. Bacchante.—Fine dark crimson.
3. " Comte.—Rich purplish crimson.
4. Bridesmaid.—Pure white.
5. Champs Elysee.—Fine rich crimson.
6. Cyclon.—White suffused, rose lilac.
7. Eclairer.—Purplish crimson.
8. Eugene Danzanvillier.—Lilac shading, white
9. Jules Zinger.—White, red eye.
- 10.—Jeanne d'Arc.—(Pearl) white, late.
- 11.—Jocelyn.—Dwarf, bright salmon red.
- 12.—Moliere.—Salmon rose, red eye.
- 13.—Otto Thalacker.—Majenta crimson.
- 14.—Pantheon.—Deep salmon rose.
- 15.—Prof. Schliemann.—Lilac rose.
- 16.—R. P. Struthers.—Salmon pink.
- 17.—Simplon.—White with lilac.
- 18.—Thebaide.—Salmon red, crimson eye.
- 19.—Semiramis.—Bright purple.
- 20.—Sunshine.—Deep salmon pink.



Perennial Phlox.

## Cannas.

**Allemania.**—Upper petals salmon red, bordered with golden yellow, lower petal of a darker shade marked with yellow in center. Immense flowers often measuring 6½ inches across; ht 6 ft.

**Austria.**—Clear canary yellow, faintly dotted with scarlet spots in throat, fine large open flower; ht 5 to 6 ft.

**Chicago.**—Bright cherry red, good bloomer; ht. 3 to 4 ft.

**Ed Andre.**—Glowing terra cotta, mottled with

**Ehemanni.**—Old rose. Musa-like foliage; ht 5 ft.

**Flamingo.**—Deep crimson, profuse bloomer; ht 3 ft. \$1.50 per doz.

**Gustav Senholtz.**—Bright terra cotta; ht 3 ft.

**Italia.**—Deep golden yellow, center of each petal splashed with brilliant scarlet and edged with red, extra fine; ht 5 to 6 ft.

**Madame Crozy.**—Brilliant scarlet, bordered with golden yellow; ht 3 to 4 ft.

**Menelek.**—Bright nasturtium red, very large trusses of immense flowers; ht 4 ft.

**Miramar.**—Bright cherry red, metalli foliage; ht 4 to 5 ft.

**Mlle. Berat.**—Soft shade of rosy carmine, nearest to pink; ht 4 to 5 ft.

**Mrs. Kate Gray.**—Rich orange scarlet, overlaid with gold, large trusses of immense flowers measuring from 6 to 7 inches across, individual petals often being over 2 inches in diameter. Broad massive foliage of a bright glossy green; ht 6 to 7 ft.

**Queen Charlotte.**—Bright orange scarlet, each petal having a broad border of golden yellow; ht 3 to 4 ft.

**Sam Trelease.**—Grand scarlet, edges and center marked with yellow; the most free blooming variety in the collection; ht 3 ft.

**Books.**—We carry a full line of books which includes all the principal literature on all topics of horticulture, floriculture and agriculture, at publishers' prices. Correspondence invited. Our California books include:

Smyrna Fig, (Roeding) - - - 50c  
California Fruits, (Wickson) - - - \$2.50

California Vegetables, (Wickson) - - - \$2.00  
Gardening in California, (Lyon) - - - \$1.00

*Hydrangea Hortensis.***HYDRANGEAS.**

**Hydrangea Hortensis.** One of the most gorgeous blooming plants grown in our semi-tropic climate, thrives best in partial shade, but does well in any situation. Highly recommended for planting on shady side of buildings. Our plants are pot grown. Price 35c, 75c and \$1.00 each.



James Corbett Carnation.

**VIOLETS.**

Strong pot-grown plants. per doz 50c.  
25c per doz extra by mail.

**California.**—A grand single violet now grown in great quantities all over the country for cut flower purposes; flowers very large and fragrant, stems often a foot long.

**Czar.**—The old dark purple single Russian violet, very fragrant and a free bloomer.

**Princess of Wales.**—A magnificent new single, the largest violet in cultivation. The flowers open out flat, similar to a pansy, and are deliciously fragrant and extra long stemmed. This sterling novelty originated with Millet, the celebrated French violet specialist, about six years ago; it is regarded as one of the finest of his productions. The most productive long stemmed variety.

**Swanley White.**—Color, white; very fragrant.

**CARNATIONS.**

By mail 25c per doz. extra.  
From 3-in pots, per doz 75c.

**Los Angeles.**—The best white grown here.

**James Corbett.**—(See cut.) The best dark pink.

**Olympia.**—The best light red.

**Ruth.**—Best dark red.

**CHRYSANTHEMUMS.**

We have a great assortment of this wonderful fall flower ready for the market from January 1st to June, but for this climate the best time to plant these is during March, April, May and June.

# ORNAMENTAL PLANTS AND SHRUBS.

- Abutilon.**—"Flowering Maple." A large assortment. Each 15c to 35c.
- Aloysia citriodora.**—"Lemon Verbena." Well-known fragrant shrub. Each 15c to 35c.
- Bottle Brush.**—See *Callistemon*.
- Broom, Scotch.**—See *Genista*.
- Camellia japonica.**—Red, white, pink and variegated, 1½ to 2 ft, each \$1.00 to \$1.25. 2 to 2½ ft, \$1.50 to \$2.00; 3 ft, \$3.
- Cyperus Alternifolius.**—"Palm Grass, or Umbrella Plant." A favorite for jardinieres. In 5-in pots, each 35c; 6-in pots, 50c to 75c.
- Coprosma Baueriana, fol. variegata.**—Glossy green leaves, blotched with yellow. In 3-in. pots, each 25c; 5-gal. cans, \$1.00.
- Crape Myrtle.**—A handsome deciduous shrub or small tree, producing an abundance of showy flowers. In 3 colors, rose, crimson and white. In pots, each 35c to 50c; larger plants from open ground, 35c to 75c.
- Callistemon speciosus.**—"Bottle Brush." Scarlet flowers. In gal. cans, 3 ft high, each 50c to 65c.
- Diosma fragrans.**—"Breath of Heaven." A favorite shrub or pot plant; small white flowers. Each 40c to 75c.
- Daphne odora.**—A handsome, evergreen, winter-blooming shrub. In 6-in pots, each \$1.00.
- Eulalia japonica.**—"Japanese Plume Grass;" effective in groups. Each 25c to 50c.
- Euonymus.**—A handsome evergreen shrub. In variety. Each 25c to 50c.
- E. pulchella.**—A small variety for edging. Each 5c; per 100 \$3.00.
- Fuchsia.**—All the leading sorts. Each 25c to 50c.
- Gynierium argenteum.**—"Pampas Grass." Well known, useful for planting on lawns, etc. Small clumps, each 50c.
- Genista Scoparius.**—(*Cytisus scop*). "Scotch Broom." Bright yellow pea-shaped flowers. In pots, each 35c to 50c.
- Gardenia florida.**—Often called "Cape Jessamine." An evergreen shrub-producing double white, powerfully-scented flowers. In 4-in pots, each 50c.
- Hibiscus rosa Sinensis.**—A beautiful shrub, with large showy flowers. Choice double and single varieties. Each 25c to 75c.
- Hydrangea.**—A choice assortment. In pots, each 25c to \$1.00.
- Heliotropium.**—The common heliotrope; a fine collection; various shades of blue and pure white. Each 25c.
- Lantana.**—A fine assortment in pots; each 15c to 35c.
- Laurustinus.**—See *Viburnum*.
- Lemon Verbena.**—See *Aloysia*.
- Ligustrum japonicum.**—"Japanese Privet." A handsome shrub or small tree, valuable for hedges. Per doz 50c, 100 \$3.00.
- Lilac.**—See *Syringa*.
- Myrtus communis.**—"Common Myrtle," A well known shrub. In pots, each 15c to 50c.
- Nandina Domestica.**—A small shrub, with pretty feathery foliage, small white flowers and red berries. In pots, each 50c to 75c.
- Pampas Grass.**—See *Gynierium*.
- Plumbago.**—White and blue. Each 25c to 50c.
- Pittosporum.**—In variety. Each 50c to \$1.00.
- Poinsettia pulcherrima.**—The well known *Flor de Pascua*, the "Christmas Flower" of Mexico, unsurpassed for the splendor of its brilliant scarlet-flower bracts; a universal favorite. Grows to a large size. In 4-in. pots, each 25c; 5-in. pots, 35c to 50c; large plants \$1.00.
- Snowball.**—See *Viburnum*.
- Spiraea Reevesiana.**—"Bridal Wreath." A well known favorite shrub, producing immense quantities of white flowers. Each 25c to 50c.
- Spiraea, Anthony Waterer.**—Dwarf dense grower, bright crimson, profuse bloomer, being in bloom the entire summer and fall. Each 35c to 50c.
- Spiraea Van Houttei.**—The finest of all the white varieties, when in flower a complete fountain of white bloom, the foliage hardly showing. Each 25c to 50c.
- Swainsonia galegaefolia.**—A handsome plant producing bunches of rosy purple pea-shaped flowers. In pots, each 35c to 50c.
- S. galegaefolia alba.**—A white variety of the above, much used by florists. In pots, 35c to 50c.
- Syringa vulgaris.**—"Common Lilac." A well known beautiful shrub, with large trusses of fragrant bluish purple flowers. Each 25c to 50c.
- S. vulgaris alba.**—A white variety of the above. Each 25c to 50c.
- S. persica.**—"Persian Lilac." A superb variety with small foliage and bright purple flowers. Each 50c.
- Tecoma stans.**—"Yellow Elder." A handsome tree with bright yellow flowers. Each 25c to 50c.
- Viburnum opulus, var sterilis.**—"Snowball," or *Guelder Rose*." A favorite shrub, with clusters of pure white flowers. Each 35c to 50c.
- V. Tinus.**—"Laurustinus." A handsome shrub with white flowers. In pots, each 25c to 50c.
- Dahlias.**—We carry a full line of these plants, a list of which will be furnished on application. Prices from 15c to 25c each.



## ROSES.

This, the "Queen of Flowers," is so generally known and grown that but little space need be occupied in describing the mode of planting, etc., all that is necessary being a good, deep, rich soil, liberal manuring and good cultivation. The roses we offer are all grown out of doors, are well furnished with roots and range in height from 1 to 3 feet.

### GENERAL LIST.

Each 25c, per dozen \$2.50.

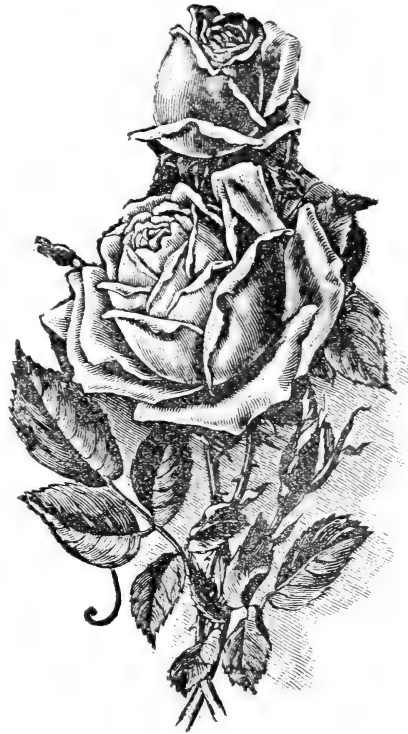
- American Beauty.**—Deep red, shaded carmine.  
**Black Prince.**—Deepest red.  
**Bride.**—White, tinted pink; good form.  
**Bridesmaid.**—Rich, clear pink.  
**Captain Christy.**—Delicate flesh, deepening toward center.  
**Catherine Mermet.**—Pink, shading to flesh.  
**Cecile Bruner.**—Salmon pink, deeper in center.  
**Clothilde Soupert.**—A polyantha rose; pearly white, shading to pink at edge of petals.  
**Cornelia Cook.**—White; tinged light yellow.  
**Devoniensis.**—White, shaded to flesh color.  
**Duchesse de Brabant.**—Soft rosy pink.  
**Duchess of Albany.**—Rich dark pink.  
**Francisca Kruger.**—Coppery yellow; fine buds.  
**General de Tartas.**—Deep rose, tinged with buff.  
**General Jacqueminot.**—Brilliant crimson, large.  
**Kaiserin Augusta Victoria.**—White, large.  
**La France.**—Delicate silvery rose, changing to silvery pink.  
**Mme. Caroline Testout.**—Brilliant satiny pink.  
**Maman Cochet.**—Rich pink, changing to salmon.  
**Mme. Jos. Schwartz.**—Blush, edge, carmine.  
**Marie Van Houtte.**—Pale, creamy yellow; edge of petals shaded salmon rose.  
**Meteor.**—Rich dark velvety crimson.  
**Niphetos.**—Pure white, fine buds.  
**Papa Gontier.**—Deep, glowing crimson; the finest red rose for cutting.  
**Perle des Jardins.**—Canary yellow; large, full.  
**Prince Camille de Rohan.**—Very deep crimson.  
**Sunset.**—Pinkish yellow.  
**Souvenir de Wootton.**—Deep crimson.  
**Souvenir de President Carnot.**—Delicate rosy flesh, shaded to rosy pink.  
**The Queen.**—Pure white.  
**Ulrich Brunner.**—Brilliant cherry red.  
**White La France.**—See Augustine Guinoiseau.

At the above prices we supply roses only from January to May; after those dates pot plants at 35c each or three for \$1 can only be supplied.

### NEW ROSES.

**Jubilee.**—It is a true Hybrid Remontant Rose, perfectly hardy, blooming in the fall as well as in the early summer. The flowers are very large, reaching six inches across under good culture; outer petals partly reflexed and recurved, the center petals upright and very gracefully disposed, giving grace and finish without showing the center; they last a long

time when cut. The fragrance is strong, delightfully rich and very lasting. A pure red in its deepest tone, shading to deep crimson-red and velvety maroon-red in the depths of the petals. The rich velvety finish is not even approached by any other Rose yet introduced. Each 35c.



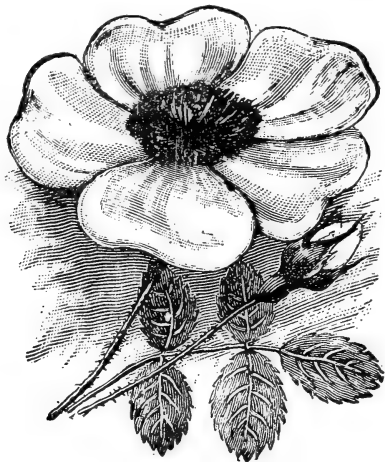
Mrs. Robert Peary

**Helen Gould, or "Baldwin."**—A deep crimson budding rose; a profuse bloomer and a grand acquisition to the list of red roses; has proven very hardy, a profuse bloomer and a superb color and fine double flowers. Each 35c.

### NEW CLIMBING ROSES.

**Mrs. Robert Peary.**—Climbing Kaiserin. See cut. This is without doubt the finest of all white climbing roses. It is the first pure white, hardy, ever-blooming climbing rose and will meet a demand never before supplied. Like its parent, Kaiserin Augusta Victoria, it will bloom continuously the first season. It is of strong, rapid growth, and in one season will throw up numerous shoots 10 to 15 feet high. The flowers, produced on long, stiff stems, are large, full and of good substance; the buds are long, pointed and of good shape. Strong, field-grown plants, each 35c, 3 for \$1.00.

**Dorothy Perkins.**—A splendid, new climbing rose, raised from seed of Rosa Wichuraiana, being a cross between Mme. Gabriel Luizet and that variety. It is of strong growth, and in habit like Crimson Rambler. The flowers are double and very large for a rose of this class, or a beautiful shell pink, very sweet-scented and borne in clusters of 30 or 40 and sometimes even 50 to 60 blossoms. This variety attracted much attention at the Pan-American Exposition, where a bed of it produced a show of flowers unequalled by any other variety. Each 35c, 3 for \$1.00.



Single Cherokee

#### GENERAL LIST (CLIMBING .

Each 25c, per dozen \$2.50.

**Beauty of Glazenwood.**—A beautiful combination of copper color, carmine and salmon yellow.

**Liberty.**—One of the most beautiful and perfect of red roses. Has proven of great merit, and we highly recommend it; 50c each, 3 for \$1.00.

**Single Cherokee.** Climber, blooms creamy white. We wish to call special attention to this wonderful rose for pillar or fence; long lines of fences are being planted to this and the following variety; one is a creamy white and the other a crimson; both are very hardy. 25c each, 5 for \$1.00.

**Crimson Rambler.**—Foliage is grand, and when in flower is a sight to be long remembered. 25c, 5 for \$1.00.

**Climbing Perle des Jardins.**—Canary yellow.

**Climbing Wootton.**—Deep Crimson.

**Cloth of Gold (Chromatella).**—Deep yellow, lighter toward the edge of the petals; large.

**Crimson Rambler.**—Bright crimson, small flowers produced in pyramidal bunches of 30 to 40 blossoms. A strong and rapid grower.

**Gold of Ophir, or Beauty of Glazenwood.**—Yellow, suffused coppery red.

**Lamarque.**—Pure white, a continuous bloomer.

**Marchal Niel.**—Beautiful deep yellow.

**Reine Marie Henriette.**—Large, cherry red.

**White Banksia.**—Flowers small, white, in bunches on thornless stems.

**Wm. Allen Richardson.**—Orange yellow. Each 50c.

**Yellow Banksia.**—Flowers small, yellow, in bunches on thornless stems.

## CLIMBING PLANTS.

**Ampelopsis quinquefolia.**—"Virginia Creeper." A very rapid grower; deciduous. Each 25c to 50c.

**A. Veitchii.**—"Japan Ivy." Foliage very handsome, becoming crimson in the fall; deciduous. Each 25c to 50c.

**Aristolochia elegans.**—Flowers purple, marked white, with yellow eye. Each 50c.

**A. siphon.**—"Dutchman's Pipe." Yellow and brown; deciduous. Each 25c to 50c.

**Australian Pea Vine.**—See Dolichos.

**Bignonia.**—"Trumpet Vine." Five varieties. Each 25c to 50c.

**B. venusta.**—Rapid grower; orange-colored flowers. Each 35c to 50c.

**Bougainvillea glabra.**—Rich shade of magenta, though the color varies in different soils. A free bloomer and rapid grower. Each 25c to \$1.00.

**B. glabra Sanderiana.**—Most prolific sort; blooms when only a few inches high, and is scarcely ever out of flower. The bracts are a rich magenta color, rather smaller than the other two kinds mentioned here, but what it lacks

in size it more than makes up in quantity; 25c to \$1.00.

**B. Spectabilis.**—A rapid grower, which produces large bracts of glowing carmine-purple color. The bracts are larger than those of any other variety; foliage large and covered with hairs. Each 25c to \$1.00.

**Cobaea scandens.**—A rapid climber, with purple, bell-shaped flowers. Small plants, each 10c; per dozen \$1.00.

**Dolichos lignosus.**—"Australian Pea Vine." Rose and purple. Each 15c; per dozen \$1.25.

**Hardenbergia alba.**—"Australian Lilac;" white; each 35c.

**Hedera helix.**—"English Ivy." Each 25c.

**Hoya carnosa.**—"Wax Plant." Each 25c to 50c.

**H. variegata.**—"Variegated Wax Plant." Each 25c to 75c.

**Ipomoea Learii.**—"Blue Moonflower." Each 15c, per dozen \$1.50.

**I. pandurata.**—Tuberous rooted, rapid grower, flowers in clusters, pinkish purple; deciduous. Each 25c.

**Ivy.**—See *Hedera*.

**Jasminum fruticans.**—"Jasmine." Yellow. Each 25c.

**J. Gracilis.**—"Jasmine." White, very graceful. Each 25c.

**Lonicera sinensis.**—"The Chinese Honeysuckle." White and red; very fragrant. Each 35c.

**L. Japonica aurea reticulata.**—"Golden-netted Honeysuckle." White and yellow. Each 25c.

**L. Halleana.**—White and pink. Each 25c to 35c.

**Mandevilla suaveolens.**—"Chili Jasmine." White, very fragrant, deciduous. Each 25c.

**Passiflora.**—"Passion Vine." Six different varieties. Each 25c to 50c.

**Phaseolus caracalla.**—"Snail Vine." Lilac, purple and yellow; splendid. Each 15c to 25c.

**Rhynchospermum jasminoides.**—"Star Jasmine." Pure white, fragrant. Each 50c.

**R. variegata.**—"Star Jasmine." White, variegated leaves. Each 50c.

**Smilax.**—(*Medeola asparagoides*.) A well known climbing plant, much used in floral work, festooning, etc. Each 5c; per dozen, 50c.

**Snail Vine.**—See *Phaseolus*.

**Solanum Wendlandii.**—A splendid climber, with delicate light blue flowers; deciduous. Each 35c to 50c.

**Sollya heterophylla.**—Beautiful small bright blue flowers, in clusters. Each 25c to 50c.

**Stephanotis floribunda.**—Flowers waxy white, very fragrant. One of the handsomest climbers. Requires a sheltered, warm situation. Each 50c to 75c.

**Tacsonia Buchanani.**—Deep rose color; flowers similar to Passion flowers, but larger. Each 50c.

**Tecoma jasminoides.**—White and purple. Each 25c to 50c.

**Wistaria sinensis.**—Light blue; the best of all deciduous climbers, flowering in early spring; well known. Grafted plants, each 50c to \$1.00.

**W. multijuga alba.**—Flowers pure white, in bunches often over 2 feet long; deciduous. Grafted plants, each 75c to \$1.00.

## ORNAMENTAL EVERGREEN TREES.

For description of those varieties listed but not described here, see Tree Seed List pages 76 and 77

**Acacia Baileyana.**—A small handsome tree with glaucous green foliage. One of the most beautiful of the Acacias and highly recommended for street planting. Each 75c to \$1.00.

**A. dealbata.**—"Silver Wattle." A handsome tree for planting on lawns and in parks; also one of the best for streets. In pots or cans 4 ft., each 25c to 35c.

**A. decurrens.**—(See cut, page 76). One of the best trees for street planting. In pots or cans 3 to 4 ft., each 25c to 35c.

**A. floribunda.**—In pots or cans 3 to 4 ft., each 25c to 35c.

**A. Latifolia.**—In pots or cans 3 to 4 ft., each 25c to 35c.

**A. Lophantha.**—(*Albizzia lophantha*.) "Cape or Crested Wattle." In pots or cans, each 25c to 35c.

**A. melanoxylon.**—"Blackwood." The best of the Acacias for street planting, and very extensively planted of late. In pots or cans 3 to 4 ft., each 25c to 35c.

**A. mollissima.**—In pots or cans 3 to 4 ft., each 25c to 35c.

**A. pycnantha.**—"Golden Wattle." (See cut.) In pots or cans, each 25c to 35c.

**Brachychiton acerifolium.**—"Flame Tree." In cans, each 50c to \$2.00.

**Camphora officinalis.**—"Camphor Tree." In 4-in. pots 1 ft., each 20c. In pots or cans 2 ft., each 30c; 3 ft., 40c; 4 ft., 50c; 8 ft., \$1.50 to \$2.00.

**Eucalyptus corynocalyx.**—"Sugar Gum." In pots, each 25c to 50c. In flats of 100 plants 4 to 8 in., \$1.50.

**E. ficifolia.**—"Scarlet-flowered gum." In pots, each 25c to 75c.

**E. globulus.**—"Tasmania Blue Gum." In pots, each 10c to 25c. In flats of 100 plants, according to size, \$1.25 to \$2.00.

**E. robusta.**—"Swamp Mahogany." In pots, each 5c to 25c. Large specimens in cans or boxes, each 75c to \$1.00.

**E. rostrata.**—"Red Gum." In pots, each 10c to 25c. In flats of 100 plants, \$1.50.

**Ficus australis.**—"Australian Banyan Tree." One of the most remarkable large spreading trees of Tropical Australia, standing the climate of California perfectly. Many specimens are growing throughout the state, some reaching a diameter of top over 50 feet. In pots 8 to 10 in., each 50c; 2 ft., \$1.50; 4 ft., \$3.50.

**F. elastica.**—"Rubber Tree." The true rubber tree from India. A fine ornamental tree for lawns, with long glossy green leaves; also much used as a decorative house plant. In pots, each \$1.00 to \$5.00.

**F. macrophylla.**—"Moreton Bay Fig" or Long-leaved Rubber Tree, similar to "F. australis," quite hardy and grows very large, with larger leaves than the former. In pots 1 ft. each \$1.00; 2 ft., \$2.00; 3 ft., \$3.00.

**Grevillea robusta.**—"Silky Oak" or "Australian Fern Tree." In pots or cans, each 25c to 50c.

*Jacaranda mimosaefolia*.—"Brazilian Jacaranda." In pots or cans 1 ft., each 20c; 1½ ft., 25c; 2 to 3 ft., 35c to 40c. Large plants in cans and tubs, each 50c to \$1.50.

*Magnolia grandiflora*.—We have an extensive stock of these, varying in size from 2 to 10 ft., in pots or cans, each 50c to \$5.00.

*Pittosporum eugenioides*.—In pots, each 50c to \$1.50.

*Quercus agrifolia*.—"Live Oak." A well-known native tree. In cans, each 35c to \$1.00.

*Schinus molle*.—"Mexican Pepper Tree." In cans 2 ft., each 15c; 3 ft., 20c; 4 ft., 30c to 40c.

*Sterculia diversifolia* (*Brachychiton populneum*).—In pots, each 35c to 50c. In tubs, \$1.25.

## CONIFERAE.

For descriptions of the varieties listed but not described here, see list of Conifer and Evergreen Tree Seeds, page 79-80.

*Araucaria Bidwellii*.—"Bunya-Bunya." A magnificent tree for planting on lawns or in parks. Many fine specimens may be seen in Los Angeles. In pots 1½ to 2 ft., each \$2.00.

*A. excelsa*.—"Norfolk Island Pine." (See cut.) One of the handsomest trees for planting on lawns and in parks, presenting a striking and symmetrical appearance. Its deep green feathery foliage, arranged in whorls around a perfectly straight spire-like stem, forms a tree of rare grace and beauty. It is extensively used as a decorative pot plant. In pots 1½ ft., each \$1.50; 2 ft., \$2.00; 3 ft., \$3.50.

*Cedrus deodara*.—"Himalayan Cedar." In pots, 1 to 2 ft., each 50c; 3 to 4 ft., \$1.50 to \$2.00.

*C. libani*.—"Cedar of Lebanon." In pots 1½ ft., each \$1.50; 2 to 3 ft., \$2.50.

*Cryptomeria elegans*.—"Fine-leaved Japan Cedar." Each 35c to \$1.00.

*C. japonica*.—"Japan Cedar." Each 50c to 75c.

*Cupressus guadalupensis*.—"Blue Cypress." Each 25c to 75c.

*C. Lawsoniana*.—"Lawson Cypress." Each 75c to \$1.50; large plants, each \$2.50.

*C. macrocarpa*.—"Monterey Cypress." In 4-in. pots, each 10c; per doz., \$1.00; in flats of 100 plants, \$1.25; per 1,000, \$10.00.

*C. sempervirens*.—"Italian Cypress." 25c to \$1.

*Pinus insignis*.—"Monterey Pine." In pots, 1 ft., each 25c; 3 to 4 ft., 50c to \$1.00.

*Sequoia gigantea*.—"California Big Tree." In pots, 2 to 3 ft., each \$1.00 to \$2.00.



*Araucaria excelsa*.

*S. sempervirens*.—"California Redwood." In pots, 2 ft., each 50c; large plants, \$1.50.

*Thuja orientalis*.—"Chinese Arbor Vitae." Each 50c to \$1.50.

*T. aurea*.—"Golden Arbor Vitae." 75c to \$2.00.

## Ornamental Deciduous Trees, Etc.

Black Walnut.—Eastern, 50c each.

American Elm.—6 to 7 ft., 75c.

Magnolia Accuminata.—75c.

Sycamores.—5 to 6 ft., 75c.

European White Birch.—75c.

Mulberry, Downing.—4 to 6 ft., each 50c.

Mulberry, Licks American.—4 to 6 ft., each 60c.

Texas Umbrella Tree.—3 to 4 ft., each 30c; 4 to 5 ft., 35c; 5 to 6 ft., 50c; 6 to 8 ft., \$1.00.

## Orchard Trees and Small Fruits.

Almonds.—Ne Plus Ultra, I. X. L., Nonpareil. Each 35c; per 100, \$25.00.

Apples, winter varieties.—Yellow Bellflower, Kentucky Red, Winesap, Missouri Pippin, Baldwin, Newtown Pippin, Stone's Eureka, Black Twig, W. W. Pearmain. Each 20c, per 100, \$17.50.

Apples, fall varieties.—Gravenstein, Fall Pippin, Rhode Island Greening. Each 20c, per 100, \$17.50.

Apples, summer varieties.—Early Harvest, Red June, Red Astracan. Each 20c, per 100, \$17.50.

Apples, Crab.—Yellow Siberian, Red Siberian, Transcendent Martha. Each 25c.

**Apricots, on Peach roots.**—Hemskirk, Royal, Peach. Each 25c, per 100, \$20.00.

**Blackberries.**—Crandall's Early, Kittatinny. Per doz., 50c; 100, \$3.00; 1,000, \$20.00.

**Cherries.**—Black Tartarian. Early Richmond. Each 35c, per 100, \$20.00.

**Currants.**—Black Naples, Cherry, More's Ruby, Red Cross, Fay's Prolific. Each 15c; per doz., \$1.25.

**Dewberries.**—Gardena, Lucretia. Per doz., 75c, 100, \$3.00.

**Figs.**—White Smyrna, Black California, Brown Turkey. Each 35c, per doz., \$3.50.

**Gooseberries.**—Downing, Houghton. Each 15c, per doz., \$1.50.

**Grapes, American varieties.**—Catawba, Concord, Isabella, Delaware, Ives, Wyoming Red, Worden, Niagara, Moore's Early, Martha. Each 10c, doz., \$1.00.

**Grapes.**—Campbell's Early. Each 25c.

**Grapes, Foreign varieties.**—Black Hamburg, Tokay, Mission, Muscat, Sultana, Thompson's, Seedless, Emperor, Rose of Peru, Zinfandel, Black Prince, Cornichon, Malaga. Each 10c, 3 for 25c, 14 for \$1.00.

**Grape Fruit, or Pomelo.**—Fogg's Improved, Triumph. Balled, each \$1.00.

**Guava, Strawberry.**—In cans, each 10c to 35c, large plants, 3 to 5 ft., 75c.

**Guava, Lemon.**—In pots, ½ to 2 ft., each 25c.

**Lemons.**—Eureka, Lisbon, Villa Franca. Balled, each \$1.00.

**Logan Berry.**—Per doz., 50c; 100, \$2.00.

**Loquats. Grafted.**—2 to 3 ft., each \$1.00.

**Loquats, Seedling.**—In pots, 2 ft., each 25c; 3 to 4 ft., 40c; balled, 5 to 6 ft., 50c to 75c.

**Nectarines.**—On peach roots, Lord Napier, Boston, Hardwick. Each 35c.

**Oranges.**—Washington Navel, Thompson's Improved Navel, Valencia. Balled, each \$1.00.

**Peaches, White Free-stone varieties.**—Briggs' Red May, George IV., Stump the World, Alexander. Each 25c, per 100, \$20.00.

**Peaches, Yellow Free-stone varieties.**—Foster, Early Crawford, Globe, Wheatland, Elberta, Wager, Late Crawford, Lovell, Salway, Bilyeu's Late. Each 25c, per 100, \$20.00.

**Peaches, Cling-stone varieties.**—Orange or golden, Tuscan, Lemon, Heath. Each 25c, per 100, \$20.00.

**Pears, Early varieties.**—Madeline, Bartlett, Seckel. Each 35c, per 100, \$25.00.

**Pears, Winter varieties.**—Beurre Diel, Winter Nelis. Each 35c, per 100, \$25.00.

**Persimmons, Japanese.**—Eight standard varieties. Each 25c; per 100, \$20.00.

**Plums and Prunes.**—Burbank, Botan, Green Gage, Kelsey Japan, Satsuma Blood, Simon, French Prune. Each 25c, per 100, \$20.00.

**Prunes, Burbank's new varieties.**—Climax, Sugar. Each 50c.

**Quince.**—Orange, Champion. Each 35c, per 100, \$30.00.

**Raspberry.**—Cuthbert, red. Per doz., 50c; 100, \$2.00; 1,000, \$15.00.

**Strawberry.**—Brandywine, Lady Thompson, Laxton's Noble. Per 100, 50c; 1,000, \$4.00.

**Walnuts.**—Soft-shelled, 3 to 4 ft., each 35c; 4 to 5 ft., 40c; 6 ft., 50c; 7 to 8 ft., 60c.

## CACTACEAE.—SPECIAL COLLECTIONS.

The home of many if not quite all varieties of Cacti native to the United States is in the arid and mountainous regions of Southern California, Arizona, New Mexico and Western Texas. Conditions of soil and climate being naturally favorable, the species from other countries—Old Mexico and South and Central America, flourish and are of easy growth. Owing to these advantages, we are enabled to offer first-class plants. In order to stimulate a keener interest and a wider appreciation of these denizens of the desert we have made up a couple of collections of our selection, as follows:

For lack of space here we cannot catalogue the full list in stock but make up a few collections for mailing and expressing to those loving this family of the desert.

### THE SUNSET COLLECTION:

Of our own selection, and sent prepaid by mail or express to any part of the United States and Canada upon receipt of price:

- No. 1. 6 plants correctly named and labeled for \$1.00
- No. 2. 12 plants correctly named and labeled for \$1.75
- No. 3. 18 plants correctly named and labeled for \$2.50
- No. 4. 24 plants correctly named and labeled for \$3.50
- No. 5. 36 plants correctly named and labeled for \$4.50

### THE OLD MISSION COLLECTION:

Composed of larger and higher-priced varieties:

- No. 1. 6 plants correctly named and labeled for \$1.50
- No. 2. 12 plants correctly named and labeled for \$2.50
- No. 3. 18 plants correctly named and labeled for \$3.50
- No. 4. 24 plants correctly named and labeled for \$4.50
- No. 5. 26 plants correctly named and labeled for \$6.50

Mixed collections of cacti and succulents supplied at the same rates.



# Agricultural and Horticultural Requisites

## INSECT, BLIGHT AND VERMIN DESTROYERS.

**Buhach.** (Persian Powder.) It is resinous, impalpable and non-poisonous, and kills all sorts of insects and worms by filling up the pores and acting on the skin. Apply when everything is dry, as the moisture destroys its properties. Per lb 60c. Special price given for large quantities.

**Bordeau Mixture.** (Lion's Brand Condensed.) Mix with 49 parts water, Quart cans 50c.

**Flower of Sulphur.** American. Prevents and cures mildew on roses, grapes, etc. Apply with a gun or bellows while the leaves are dry. Per lb 5c, 100 lbs \$2.50.

**Hammond's Slug Shot.** An impalpable powder, containing ingredients that will destroy the cutworm, potato bug, chinch bug, rose bug, curculio, and all lice, worms or caterpillars. Per lb 10c, 100 \$7.50.

**"Kill Sure" Soap.** Makes a good wash for killing scale and other insects on trees. Dissolve 1 lb in 6 gallons of water. In 2-lb bars 25c.

**Sulpho-Tobacco.** To be used as spray. Small bar to one gallon water; small size 10c, large size 20c.

**Paris Green.**  $\frac{1}{2}$  lb box 20c, 1 lb box 35c; larger quantities, prices on application.

**Rose Insecticide** and fertilizer,  $\frac{1}{2}$  lb package 15c.

**Nicotide.** A fumigating compound; for Mealy-Bug, Green Fly, etc. Per can \$1.25 (including lamp, pan and stand,) large size \$2.50.

**Tobacco Dust.** Kill green and black fly, etc. To be dusted or blown while the foliage is moist. Per lb 15c.

**Tobacco Soap.** Makes an excellent wash for plants and trees infested with green fly, lice and eggs of insects. Dissolve 2 ounces in a gallon of water, In  $\frac{1}{2}$  lb tins 25c.

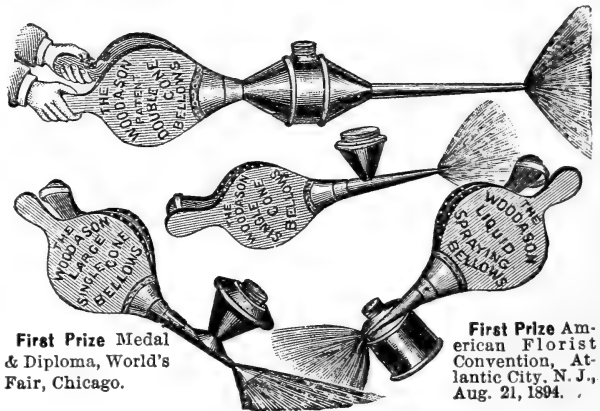
**Whale Oil Soap.** Makes an excellent wash for trees and plants, kills insects and their eggs on the bark. Smallest size 5c, medium 15c, 1 lb cans 20c. We also carry this in bulk, in 5 lb lots, at 12 $\frac{1}{2}$ c per lb, larger quantities priced on application.

## INSECTICIDE APPLIANCES.

**Bellows.** Used for dusting plants with sulphur, slug shot, tobacco dust, etc. Each \$1.25.

**Bellows.** Woodason Liquid Spraying. For the destruction of insects, etc., in houses, gardens, orchards or fields, throwing a spray as fine as smoke, reaching insects under the leaf, and every part of the bush, grape vine, etc. Price, 8x22 in. \$2.00; small size \$1.50.

**Woodason Patent Double Cone.** Worth their weight in gold; 3 $\frac{1}{2}$  feet long; blows sulphur, tobacco dust, slug shot, etc. By placing a cork in the end of the tube, the powder escapes through a slot near the end in an upright or any direction desired, thereby being the best article for killing insects under the leaf, especially in gooseberry and thick growing plants, having no crook to hitch to the thickest shrub. Price \$3.00.



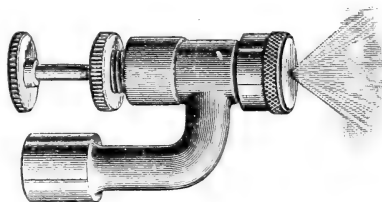
Woodason Spraying Bellows.

**Woodason Single Cone.** Recommended for sulphuring chicken houses, green houses; also for insect powder, tobacco dust, slug shot, etc., in gardens. Price, \$2.00; small size \$1.25.

**Powder Guns.** For applying insect powder, etc. Defender. Each 10c. Cyclone. Each 15c. Jumbo (Large size.) Each 25c.

## SPRAY PUMPS ETC.

**Perfection Pump and Sprayer.** All poultrymen and ranchers have come to the conclusion that a small sprayer is an essential feature in the hen house. We have placed on the market a full line of sprayers and of them all the Perfection comes nearer filling the want, as it is strongly built and throws a heavy mist, saving nearly half the liquid used. Will spray any of the above liquids to perfection. Price 60c.



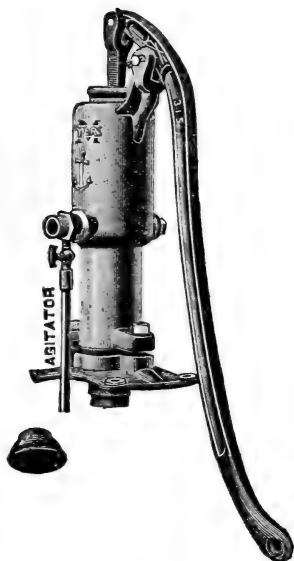
## SPRAY NOZZLES

All kinds for Bordeaux mixture, Paris green white wash and Scale solutions Guaranteed to give satisfaction Prices range from 80c to \$1.25.



**The Myers Double Acting Barrel Spray Pump.**

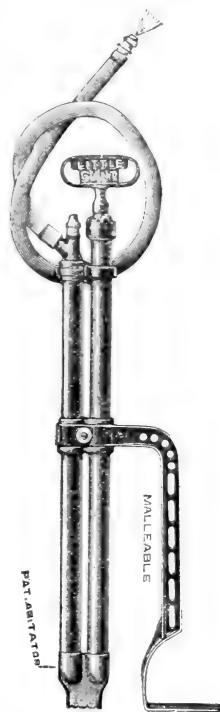
For white wash and tree spray, has brass cylinders, brass buckets, brass valves and brass valve seats, and is one of the best articles ever placed on the market for the price. It has no rubber to cut out. Very powerful and easy to operate. Will throw a mist like spray over any fruit tree. Price \$15.00. Barrel and Trucks complete \$25.00.



Myers Double-Acting Barrel Spray Pump.

**Myers' Bucket Brass Spray Pump.**

Constructed of brass, not affected by the poisonous arsenites used in different formulas for spraying fruit trees, vines, shrubbery, poultry houses, etc. The cylinder air chamber and all the working parts are brass, has rubber ball valves and is equipped with the Myers combination spray nozzle, and will throw a spray as fine as mist or as coarse as required. It will throw a solid stream 50 feet and is of unusual value for washing windows, etc. For spraying it is arranged so it discharges a fine jet in the bottom of the bucket to keep the solution thoroughly mixed and agitated, a feature peculiar to this pump. Price with clasp to attach to side of bucket \$3.00; with malleable iron foot rest \$3.50. To spray large trees with the above pump, an 8-foot pipe extension is necessary. Price 50c.



Myer Bucket Pump with Foot Rest.

**The Standard Spray Pump.**

Can be used with bucket knapsack, tank or barrel for spraying trees and orchards and especially for whitewashing hen-houses and disinfecting and killing vermin on all stock, and spraying inside of poultry houses with lice paints. Made entirely of brass; warranted to purchaser for five years. Price \$5.00.



Standard Spray Pump.

**GARDEN HOSE AND ATTACHMENTS.**

**Our Special Red Indian Chief.** This red hose we can recommend and guarantee.  $\frac{1}{2}$  inch size 12c,  $\frac{3}{4}$  inch with couplings 14c per ft.

**Rubber Hose.**  $\frac{3}{4}$  inch diameter, in 25 or 50 foot lengths. Including couplings. Per foot 6c to 20c.

1 inch diameter, in 25 or 50 foot lengths, including couplings. Per foot 18c.

**Hose Couplings.** Brass,  $\frac{1}{2}$  inch or  $\frac{3}{4}$  inch. Per pair 15c.

**Magic Bands,** for fastening on couplings. 2 for 5c; per doz 25c.

**Rubber Washers.** Per doz 10c. **Hose Menders.** Wood  $\frac{1}{2}$  inch or  $\frac{3}{4}$  inch. Per doz 10c.

**Hose Menders.** The Cooper. Made of brass, and undoubtedly the best hose mender on the market; needs no wire on outside band to hold it, but holds itself by means of small sharp teeth, which bite into the hose; will never pull apart; for  $\frac{3}{4}$  inch hose. Each 10c; 3 for 25c.

**Hose Menders.** The Dean. Made of iron, fastened by means of outside metal bands. For  $\frac{1}{2}$  inch and  $\frac{3}{4}$  inch hose. Each 10c; 3 for 25c.

**Hose Nozzle.** New Boston, brass. Each 50c.

**Hose Nozzle.** Boston Hot House Rose. Each 60c.

**Hose Nozzle.** Wolverine, brass. Each 30c. Wolverine, nickel. Each 35c.

**Hose Nozzle.** Wolverine, wood. Each 15c. Boss. Each 50c.

**Lawn Sprinkler.** Wilgus. Each 40c. Cactus. Each 75c.

**Lawn Sprinkler.** The Twin. Each 35c.

**Lawn Sprinkler.** Fan. Throws in one direction. Each 35c.

**Lawn Sprinkler.** The Little Wonder. Each 25c.

**Lawn Sprinkler.** The Fountain. Each \$1.00.



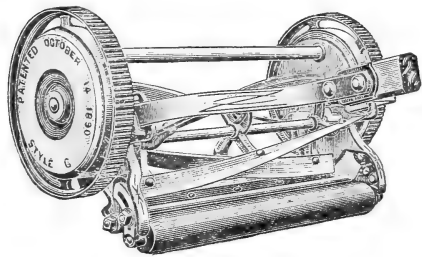
## Lawn Mowers.

**The Henley, High Wheel.** This is a first-class mower in every respect, the material and workmanship are of the very best, and the machine is designed for cutting thick, heavy or high grass. The drive wheels are 9½ inches in diameter, and the handle of the machine is adjustable to suit the height of the user. 14 in. \$5.00, 16 in. \$5.50, 18 in. \$6.00.

**The Henley, High Wheel, Ball Bearing.** The axles of the revolving cutter, like axles of a bicycle, work in ball-bearing cups; 14 in. \$7.50, 16 in. \$8.50, 18 in. \$9.50, 20 in. \$10.50.

**Pennsylvania.** A standard mower, one of the best known and most popular machines upon the market. Made of the very best material throughout. 14 in. \$8.00, 16 in. \$9.00.

**Pennsylvania, High Wheel.** 15 in. \$12.50, 17 in. \$13.50, 19 in. \$14.50.



Our Special High Wheel.

**Our Special.** This machine is made specially for us, and in quality of material, finish and workmanship is equal to the Henley or any other standard lawn mower on the market. 12 in. \$4.50, 14 in. \$5.00, 16 in. \$5.50.

**Our Special, High Wheel.** In mechanism, material, workmanship and finish this machine is exactly the same as Our Special, but is a larger mower. 12 in. \$4.75, 15 in. \$5.00, 16 in. \$5.50, 18 in. \$6.00, 20 in. \$8.00.

**The Clover Leaf.** There is great demand for a good low-priced lawn mower. This machine is specially designed for this popular trade. 12 in. \$3.00, 14 in. \$3.50, 16 in. \$4.00.

**Grass Catcher, The Henley.** This grass catcher is light but substantial. Each \$1.00.

**Grass Catcher.** "Easy Emptying." One of the best catchers. No. 1, 16 in. to 20 in. \$1.35. No. 2, 12 in. to 16 in. \$1.25.

**Grass Catcher, Keen Klipper.** Made of canvas with extra wire rod in bottom which prevents the canvas from creasing, adjustable to 12, 14 and 16 in. mowers. Each 85c.

**The Finley Rotary Lawn Rake.** (We are sole agents for California, Arizona and New and old Mexico.) Everyone who has ever raked a lawn knows what a slow, hard, tedious job it is, and how unsatisfactory it is when done; for the rake will always miss some grass, leaves or other rubbish. The machine is constructed throughout of the best material and is so easy to push that a child can operate it. Simple and strong in construction, durable, with no intricate parts, it is the very acme of perfection as a rake, and will, when once generally introduced, be as indispensable as the lawn mower has become. In two sizes, 14 in. \$12.50, 20 in. \$15.00; delivered free anywhere in the state of California.

## Miscellaneous Tools and Garden Requisites.

**Corn Planter.** The Segment. Each \$1.75.

**Corn Planter.** Empire Rotary. Each \$1.50.

**Corn Planter.** King of the Field. Each \$1.35.

**Dibble.** Germain's New Steel, dagger shaped, tapering, all steel, D handle, 8x2½ in. Each 75c.

**Forks.** Digging. Short handle, 4-pronged. Each \$1.00 to \$1.35.

**Forks.** Digging. Long straight handle, 4-pronged. Each \$1.00.

**Forks.** Hay or Pitch, 2-pronged. Each 50c.

**Forks.** Hand weeding. Best steel. Each 50c.

**Forks.** Hand weeding. Cast iron. Each 10, 15 and 25c.

**Forks.** Manure, 4-pronged. Each \$1.00.

**Garden Line Reels.** Each \$1.00,

**Garden Lines.** Best braided. Per 100 ft. 75c, 200 ft. \$1.40.

**Garden Lines.** In 1½ lb balls, about 200 ft., 60c per ball.

**Grafting Cloth.** In rolls, 2 yards 50c.

**Grafting Wax.** Trowbridge's. ¼ lb 15c, ½ lb 25c.

**Grafting Wax.** Bee's wax. (Subject to fluctuation.) Per lb 40c.  
Prices for large quantities on application.

**Grafting Wax.** "Lion Brand." Per pkg 15c, two for 25c.



Garden Line Reel.



Weeding Fork.



Garden Line.



Grass Hook.

**Grafting Wax.** Germains. To be melted in kettle and applied with brush. 1 $\frac{1}{4}$  lb bars each 45c, 5 lb bars per lb 35c. Large quantities quoted on application.

**Grass Hooks or Sycles.** Each 40c, 50c and 60c.

**Hoes.** Draw. Cast steel. 5 in. 35c, 7 in. 50c.

**Hoes.** Draw. Planter's. Very useful, sharp cutting. 6 in. 30c, 7 in. 40c, 9 in. 55c, 10 in. 60c.



Dibble.

**Hoes.** Draw. Warren or "Bayonet" hoes. Each 80c.

**Hoes.** Push, Shuffle, or Dutch. A very useful garden tool for keeping down weeds. 7 in. 50c, 8 in. 60c.

**Hoe and Rake Combined.** According to size, 35c and 55c.

**Mattocks.** With handles. Each \$1.25.

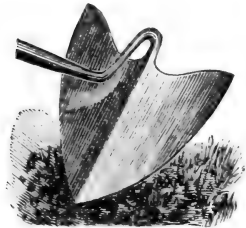
**Manure Hooks.** Fine steel and well finished. Each \$1.00.

**Moss.** Sphagnum, Per bale of about 35 lbs \$2.00.

**Pencils.** Wolf's Indelible, solid ink, will dispense with painting labels. Each 15c.



Schuffle Hoe.



Warren Hoe.

**Post Hole Digger.** Lock Lever. Each \$2.50.

**Rakes.** Lawn, "Ohio Boy," galvanized; the teeth run right through the frame, forming 24 teeth on one side and 12 looped teeth on the other. Each 55c.

**Rakes.** Lawn, wooden frame, 24 wire teeth. Each 60c.

**Rakes.** Lawn, wooden, 18 teeth. Each 40c.

**Raffia.** The best tying material for plants and buds, (Special prices on large quantities.) Per lb 20c.

**Roller, Garden.** Two sections 20x24 inches, 250 lbs \$20.00.

**Sacking Twine.** In bundles of 12 lbs. Per lb 30c, 40c and 50c according to grade.

**Scythes and Snaths.** Each \$1.75.

**Shovels.** Short, D handled. Each 75c to \$1.25.

**Shovels.** Long handled. Each \$1.00 to \$1.75.

**Spades.** Boys' or ladies', small. Each 50c.

**Spades.** Best makes, full size, D handled. Each \$1.00 to \$1.75.

**Sprinkler.** Scollay's Rubber. Indispensable for floral work and window gardening; also very useful for dampening clothes or sprinkling in any way. In 4 sizes. Each 60c, 75c, 85c and \$1.00.

**Thermometers.** We carry a full line of Household, Greenhouse, Dairy and Incubator Thermometers. Prices on application.

**Traps, Gopher.** "Dead Lock." Each 35c.

**Traps, Gopher.** "Star." Each 25c.

**Traps, Gopher.** "Ward's Novelty." Each 35c.

**Traps, Mole.** "Olmsted's," sure death to moles. Each \$2.00. "The Reddick." Each \$1.00.

**Trowels, Garden.** American, 6 in. tinned. Each 10c, 7 in. 20c. Same steel, 6 in. Each 35c. English, shank and blade solid steel, 6 in. straight or crooked shank. Each 60c.



Garden Roller.



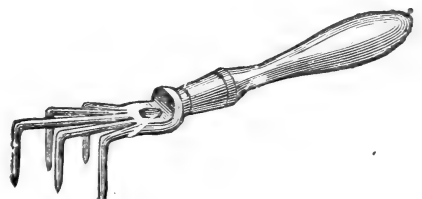
American Garden Trowel.



Scollay's Sprinkler.

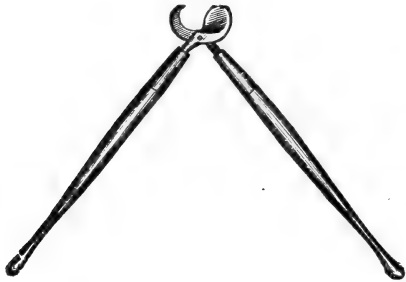


Noyes' Weeder.



Excelsior Weeder.

- Turf Edger.** With handle, used for trimming edges of lawns. Each 75c.
- Weeders.** Hand, "Excelsior," useful for weeding seed beds, stirring the soil, etc. Each 10c.
- Weeders.** Hand, "Havil's Lawn." The best tool for weeding lawns; will take out dandelions and other deep rooted weeds. Each 35c.
- Weeders.** Hand, "Hazeltime." One of the best, solid steel, good size and durable. Each 35c.
- Weeders.** Hand, "Noyes'." Well known; a standard article. Each 25c.



Lopping Shears.



Pruning Shears.



Hedge Shears.



Humphrey's Potato Knife

**Horticultural Cutlery.**

- Knives.** Asparagus, American, V-edge, beveled, each 50c. English saw-edge, each \$1.00.
- Knives.** Budding, English and German imported, each 50c to \$1.50. Corn, 18 in. blades, kris-shaped, each 50c. Flower Gatherers, a bar on the blade holds the stem of the flower after cutting, each \$1 to \$1.50. Potato, Humphrey's, concave and curved, each 15c. Pruning, German imported (Henckel's) and American makes, each 50c to \$1.75.
- Orange Clippers.** Each 35c and 60c.
- Saws.** Pruning, Brown's 16 in. each 75c. Disston's Crescent, with upward cut, 12 in. and 14 in. each 75c. "Keen Kutter," double edge, 15 in. \$1.00.
- Shears.** Border or Edging, 9 in. long handles, each \$3.50. Border or Edging, 9 in. long handles, with wheels, each \$4.00. Hedge, Sheffield, 8 in. each \$1.50; 9 in. \$2.00; 10 in. \$2.50. Tree Lopping, each, \$1.25 to \$2.50.
- Shears.** Tree Pruning, Lee's Telegraph, 6 ft. \$1.00; 8 ft. \$1.15; 10 ft. \$1.25.
- Shears.** Pruning, small, for ladies' use; made of fine steel, nickel-plated, 3 sizes, 80c, \$1.00 and \$1.50. Henckel's German imported, \$1.00 to \$3.50. The "Levin," light and strong, easy to handle, makes a clean cut, each 50c.
- We wish to call special attention to the following shears, which we term "Our Special," a Henckel shear unsurpassed by any other article on the market. Each \$3.50.
- Shears.** Grass, American, cranked handle, 6 in. blades, each 50c; English, cranked handle, each \$1.

**Plant Stakes and Labels.**

Plant Stakes. Square-pointed, painted green:		
	Per doz.	Per 100
1 1/2 feet.....	25c	\$1.75
2 feet.....	35c	2.25
3 feet.....	45c	3.00
4 feet.....	60c	4.00
5 feet..... Heavy .....	90c	6.00
6 feet..... Heavy .....	\$1.25	8.00
7 feet..... Ex. Heavy .....	15c each	

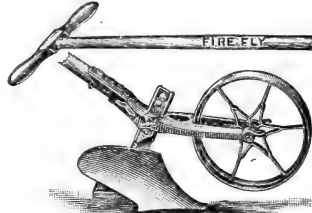
**LABELS.**

4 in wooden pot .....	per 100	15c
5 in wooden pot .....	per 100	20c
6 in wooden pot .....	per 100	25c
Tree, iron wired .....	per 100	15c
Tree, iron wired .....	per 1000	\$1.10
Tree, copper wired .....	per 100	20c
Tree, copper wired .....	per 1000	\$1.35

**GARDEN LABELS.**

8 in. long, 1 in. wide.....	per 100	\$3.50
8 in. long, 1 in. wide, painted..	per 100	\$5.00
12 in. long, 1 1/8 in wide, painted	per 100	\$7.50
12 in. long, 1 1/8 in. wide, plain....	per 100	\$5.00

**Fire Fly Hand Plow.** The very best thing for poultrymen to keep their yards well cultivated,



Fire-Fly Hand Plow.

clean, fresh and healthy. Endorsed by poultry raisers everywhere. A very handy tool, and almost indispensable to the gardener and nurseryman. Price, as in cut, \$2.75.

**"PLANET, JR.," LABOR SAVING GARDEN TOOLS.**

These are the most perfect garden tools made, and have long been the most popular. They are known the world over and beyond question are the most complete in equipment and the most practical and labor saving in the field that have yet been invented. Our special "Planet, Jr." catalogue, fully illustrated and describing the sorts of work accomplished, free on application.

Attachments and parts of the different tools catalogued can be supplied if required.

The "Planet Jr. No 17 Single Wheel Hoe, Cultivator and Plow. Combined as in cut; \$5.50.

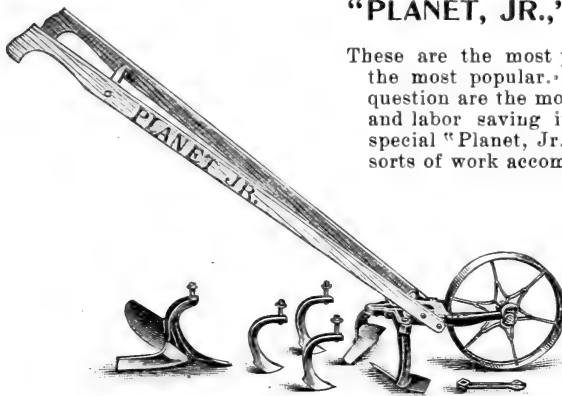
The "Planet Jr." No. 12 Double Wheel Hoe, Cultivator and Plow. Combined as in cut; \$7.50.

The "Planet Jr." No. 1 Combined Drill Wheel Hoe, Cultivator and Plow, as is cut; \$10.00.

The "Planet Jr." No. 2 Seed Drill. Same as No. 1; but has no attachments; \$8.00

The "Planet Jr." No. 4 Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow, as in cut; \$11.00: as drill only, \$9.00.

The "Planet Jr." No. 3 Hill and Dr Seeder. Same as No. 4, but without attachments. Has 15-inch driving wheel and extra large seed box. \$10.00.



No. 17 Single Wheel Hoe.

The "Planet Jr." No. 3 Horse Hoe and Cultivator. With lever and wheel, as in cut, \$9.00.

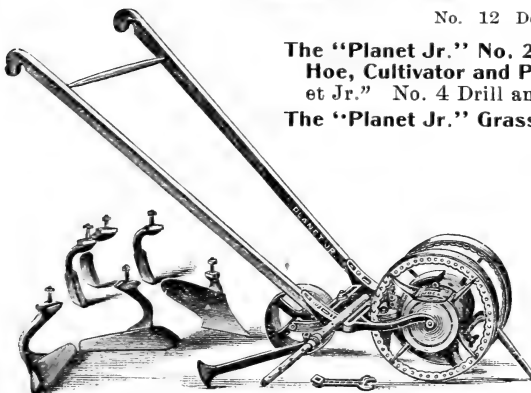
The "Planet Jr." Twelve Tooth Harrow, Cultivator and Pulverizer. \$9.00.



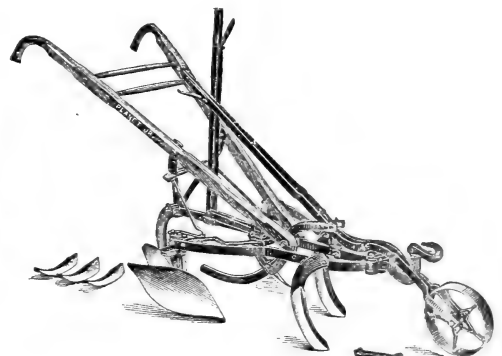
No. 12 Double Wheel Hoe.

The "Planet Jr." No. 25 Combined Hill and Seed Driller, Double Wheel Hoe, Cultivator and Plow. This combines in a practical way the "Planet Jr." No. 4 Drill and No 12 Double Wheel Hoe; \$14.00.

The "Planet Jr." Grass Edger and Strawberry Vine Cutter. \$5.00.



No. 1 Combined Drill.



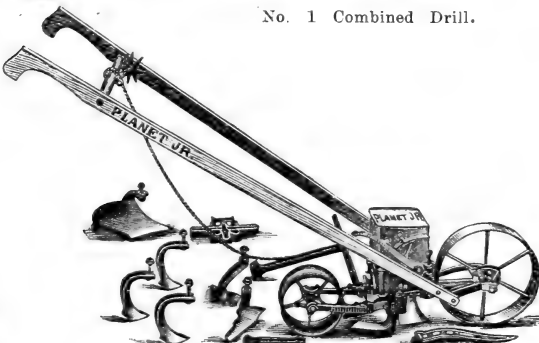
No. 8 Horse Hoe and Cultivator.

The "Planet Jr." Double Celery Hiller. \$12.00.

The "Planet Jr." Single Celery Digger. \$10.00.

The "Planet Jr." Irish Potato Digger. \$16.00.

For full description of above, and for other "Planet Jr." tools, write for our special "Planet Jr." catalogue, fully illustrated. Mailed free on application.

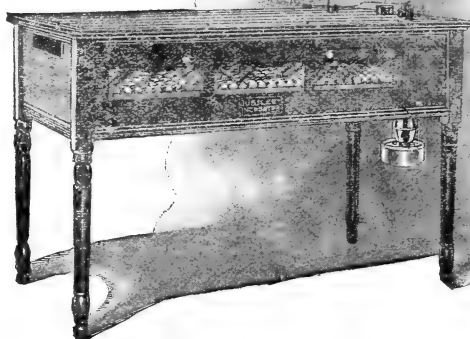


No. 4 Combined Hill and Drill Seeder.

WE ARE SOLE AGENTS IN SOUTHERN CALIFORNIA FOR THE CELEBRATED

# Jubilee Incubators and Brooders

The Up-to-Date Business Machine of the World.



If you contemplate buying an Incubator be sure and get a Jubilee.

Its underlying principle is correct.

Made from the best material obtainable by skilled mechanics versed in artificial incubation.

The product of 24 years experience.

Has replaced machines of every known make.

Most simple and easiest to operate.

Adapted to all conditions and climates.

Used on the largest poultry ranches.

Brings out the strongest and healthiest chicks.

Hatches the highest per cent of fertile eggs.

No getting up o' nights to regulate and no danger to your property from fire.

## PRICES OF INCUBATORS :

108-egg Jubilee Incubator, 110 lbs, \$22.00	324-egg Jubilee Incubator, 200 lbs, \$40.00
216-egg Jubilee Incubator 150 lbs, \$32.00	504-egg Jubilee Incubator, 260 lbs, \$50.00

## PRICES OF SECTIONAL BROODERS :

### Sectional Out-door Brooders.

1 section 75 chicks, 75 lbs,	-	\$16.00
2 section 150 chicks, 130 lbs,	-	\$20.00
3 section 225 chicks, 185 lbs.	-	\$25.00

### Sectional In-door Brooders.

2 section 100 chicks, 100 lbs,	-	\$14.00
3 section 150 chicks, 135 lbs,	-	\$16.00
4 section 200 chicks, 170 lbs,	-	\$18.00

Write for our Poultry Supply Catalogue.



## The Jubilee Endorsed Wherever Used.

In a word, the Jubilee Incubator comes as near to being a perfect machine as it is possible for man's ingenuity to devise. We have hundreds of testimonials from satisfied customers telling us of the success they have had with the Jubilee. We have only space to insert the following:

### JUBILEE SUPERIOR TO THEM ALL.

PETALUMA, SONOMA COUNTY, CAL.

I have been in the poultry business for fifteen years, used five different makes of incubators, fairly tested them all, and found the Jubilee far superior to them all.

Sept. 19th, 1903.

R. M. HYATT.

### FIRST CHOICE AFTER SEVEN OTHER MAKES ARE DISCARDED.

LOS ANGELES, CAL.

The Jubilee Incubators and Brooders are still my first choice of the seven different makes I have used, and quite a few others I have watched closely. My first hatch was 100 per cent of vigorous, strong chicks, and my poorest hatch was 77 per cent of the tested eggs, for which the incubator was not to blame at all.

They do away with all night work and are the easiest run of any I know of. It is a great pleasure for me to commend such successful machines when the country is flooded with many poor ones.

Sept. 20th, 1903.

MRS. V. P. S. ZUMWALT.

### ENDORSED AT HOME AND ABROAD.

SUNNYSIDE ASYLUM POULTRY FARM, CHRISTCHURCH, N. Z.

The Jubilee Hatcher purchased of you has given great satisfaction. I have taken out the third hatch this season and can confidently say it is all you claim for it. Our chicks are strong and healthy and grow like mushrooms. The machine is easily managed and keeps an even temperature in all weather.

Sept. 15th, 1902.

JOHN PARLANE, Farm Manager.

MORGANHILL, SANTA CLARA COUNTY, CAL.

I beg to inform you that the average for last season's hatching with your 504 egg incubator was 97 per cent and one hatch was 99 per cent of the fertile eggs (I got 483 chicks from 487 eggs); of the chicks hatched 98 per cent were raised until ready for the market, and but for an accident, I would have had 100 per cent of one hatch. During last season one 540-egg Jubilee Incubator and 4 10 foot Jubilee Brooders were used. Your brooders are equal to your incubators, and they are hard to beat.

Oct. 7th, 1903.

H. ROBINSON.

CONLEY, SACRAMENTO COUNTY, CAL.

Last season I hatched with four 500-egg Jubilee Incubators a few over 6,000 chicks, or an average of 91½ per cent of all fertile eggs; percentages ran as high as 99 per cent and as low as 85 per cent. Of the first 3,000 I raised 94 per cent to marketable size—eight weeks. Of the second 3,000 I raised 83 per cent to the same size as the first.

I found long ago that the early bird gets there best of all. The later the hatch the lower the percentages.

There is practically no improvement to be made in the Jubilee machines, as they are so much better than any others, in practical results, that there is no comparison. If I have need for new machines they certainly will be Jubilees.

Sept. 17th, 1903.

W. W. BOTTIMORE.

OAKDALE, STANISLAUS COUNTY, CAL.

The 216-egg incubator I bought of you is satisfactory. It is averaging me about 90 per cent of fertile eggs. Have good luck raising those hatched.

Nov. 2nd, 1903.

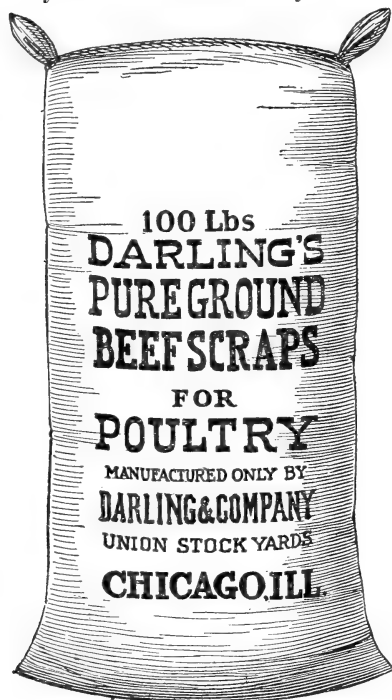
MR. L. H. HILL.

Write for our Poultry Supply Catalogue.

# HEADQUARTERS FOR POULTRY SUPPLIES.

We Carry the Largest Stock on the Coast.

If interested send for our poultry supply catalog, as we have only space here to enumerate a few of our leading lines. We wish to inform our patrons that we are **sole agents** in this territory for the following high grade poultry and stock foods, which may be obtained from your dealer in your own town or direct from us.



## DARLING'S HIGH PROTEIN BEEF SCRAPS.

We handle Darling's Scraps exclusively as we know they are the best by actual test, analyzing 60 to 65 per cent protein, unequalled as a food for ducks and chickens. Our sales the past season were enough to prove that Beef Scraps have come to stay. Every poultryman uses them; he cannot afford to be without them. Better than butcher meat and at one-fourth the cost. Feed at the rate of one pound to every 25 fowls once a day mixed in corn meal and note the increase in eggs. Per lb 5c, 50 lbs \$2.00, 100 lbs \$3.50.

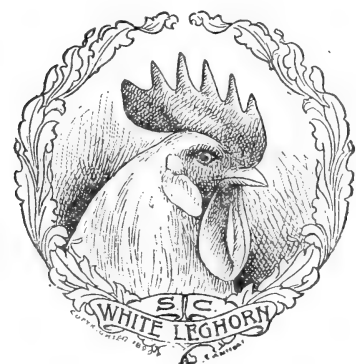
## DARLING'S BEEF MEAL.

This food is now being used with excellent results. It is without doubt the best and cheapest poultry food on the market. Feed one-half to three-quarters of a pound to every 25 fowls, mixed with wheat bran, coarse oatmeal or cracked or whole wheat. Per lb 5c, 50 lbs \$1.50, sack of 100 lbs \$2.75.



## DARLING'S CONCENTRATED MEAL.

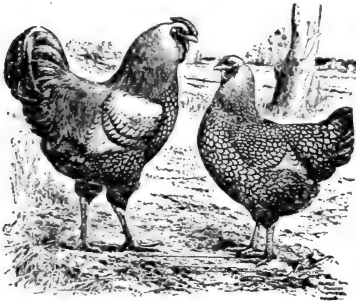
This is beef meal with charcoal, fenu-greek seed and ginger added in the right proportions, which makes not only an excellent egg producer, but a conditioner as well. Per lb 5c, 50 lbs \$1.65, 100 lb sack \$3.00.



Customer writes that Darling's High Protein Beef Scraps increased the egg-production of his flock from a daily output of 90 eggs to 200 after feeding the same for two weeks.

Write for our Poultry Supply Catalogue.

# PACIFIC COAST AGENTS FOR Chamberlain's Egg and Chick Food.

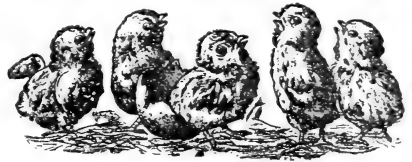


## CHAMBERLAIN'S PERFECT MASH EGG FOOD

Is a complete food for laying hens, the result of years of experimenting by W. F. Chamberlain, St. Louis. It is a combination in the proper ratio of ground cereals, meat meal and clover meal, and as an egg producer it has no equal. Stands supreme in its class, hence when buying be sure to ask for Chamberlain's. If your local dealer does not carry it in stock, send to us direct, and your order will be promptly filled. Per sack of 75 lbs \$1.90, 100 lb sack \$2.40.

## CHAMBERLAIN'S PERFECT CHICK FOOD.

For little chicks as soon as they break through the shell. Being a dry chick food its advantages are obvious to the poultry raiser as it reduces the death rate to a minimum. It is a combination of the best in grains and cereals, etc., blended in the proper ratio and comes nearer to raising 100 per cent of all chicks hatched than any other food on the market. Per lb 5c, 50 lb sack \$2.00, 100 lb sack \$3.50.



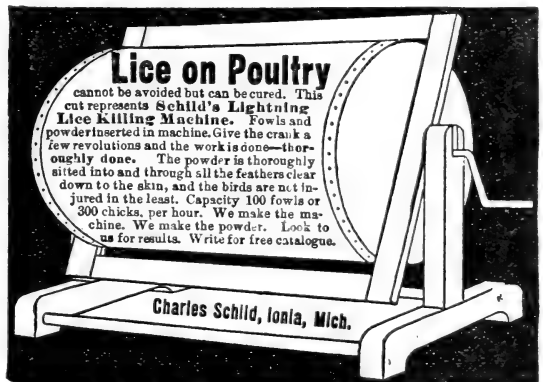
## COULSON'S EGG FOOD.

This is a balanced ration for laying hens and is composed of different ground grains, beef blood and bone meal, other meals and condiments, all thoroughly mixed in the right proportions, and all you have to do is to stir it up with a little water or skim milk and feed it to the hens the same as any other food. Largely used in Southern California both by the poultry raiser and small farmer because a well-balanced ration calculated to promote health and strong egg-production in your laying hens. Per 90 lb sack \$2.25.

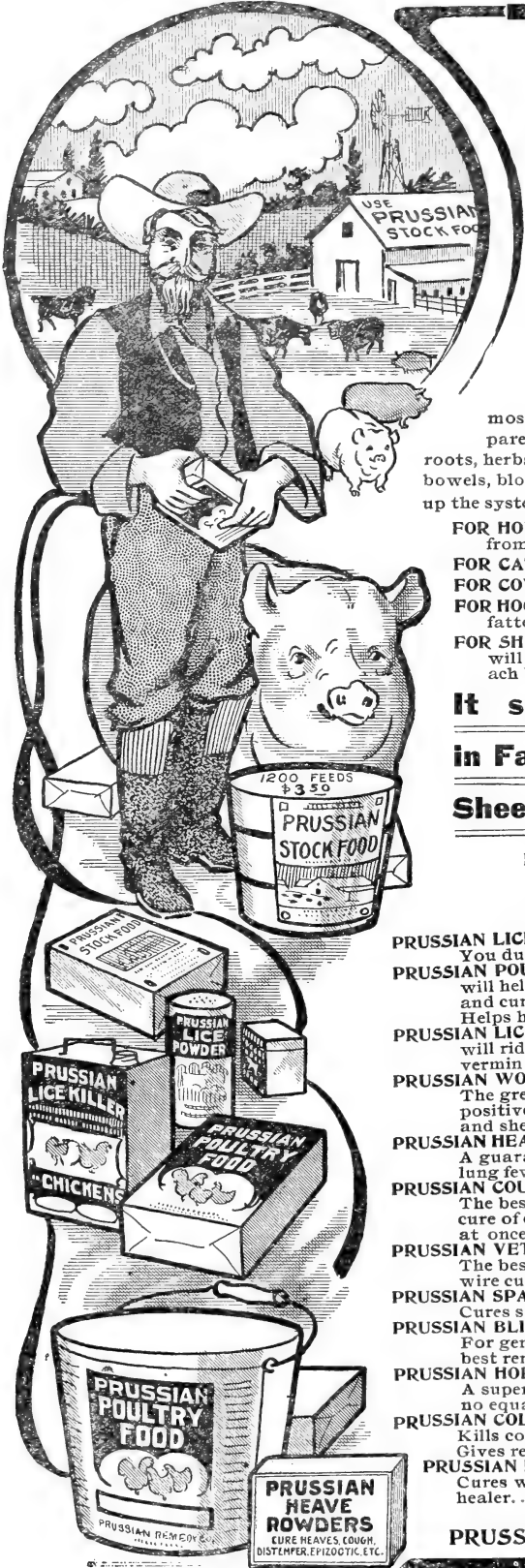
## SCHILD'S LIGHTNING LICE KILLING MACHINE.

Breeders will appreciate this little contrivance for the eradication of lice and mites from their poultry, as it is economical, effective, easy to operate, does the work quickly, and is low in cost. Indeed, it is warranted to do effective work. Sold in three sizes, including  $\frac{1}{2}$  pound can of lice powder with each machine. No. 1, \$3.00, No. 2, \$4.00, No. 3, \$5.00.

One breeder writes us that "it is the best thing he has ever tried for ridding fowls of vermin."



Write for our Poultry Supply Catalogue.



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Farmers and Stock Owners**

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no equal. Per bottle - - - and 50c

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Kills colic or belly-ache in horses and cattle. \$1.00  
Gives relief in 20 minutes. Per bottle - - -

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Cures wire cuts and all wounds. A wonderful 50c  
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Street ..... Forward by ..... { State whether to send  
by mail or express.

Express Office \_\_\_\_\_ Date \_\_\_\_\_

Forward NOW or about ..... { If you do not wish plants sent before a certain  
time please insert a date for shipping.

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👉 In making your order, please give the price, to avoid delay and errors. 👈



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---

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The New Lawn Grass, just the thing for those who are unable to get good results from Blue grass. Produces a splendid sward and stands drought and heat extremely well. It has been known to flourish here from April to October without rain, a fact which should commend it in localities where there is a scarcity of water. Sold in flats of sod 18 inches square, the sod is cut up into small pieces an inch square and planted 1 foot apart each way. Price \$1.00 per box, 10 boxes \$8.00.

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We have a fine stock of these plants in assorted sizes, all pot grown and can furnish them any time from October till June at the following prices :

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**Nos. 326-330 S. Main St.**

**LOS ANGELES, CAL.**



QUALITY IN SEEDS IS OF THE  
FIRST IMPORTANCE



1905